

Yasmin Boyd

From: Alex Jelley
Sent: 30 October 2025 16:19
To: Planning Folder New
Subject: FW: FW: Planning Application 25/00978/FUL - further info - ventilation equipment
Categories: Yasmin

Hi Planning,

Please can the below response be added to Enterprise as comments from Env Health for application 25/00978/FUL.

Regards

Alex Jelley BA MSC MRTPI
Development Services
Planning Consultant
Hinckley & Bosworth Borough Council

Email: alex.jelley@hinckley-bosworth.gov.uk
Phone: 07900924128

Hinckley & Bosworth Borough Council, Hinckley Hub, Rugby Rd, Hinckley, Leics LE10 0FR

From: Simon Smith <Simon.Smith@hinckley-bosworth.gov.uk>
Sent: 30 October 2025 16:05
To: Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>
Subject: FW: FW: Planning Application 25/00978/FUL - further info - ventilation equipment

Hi

I think they have probably done as much as they can initially to address concerns and so I have no further comments. Any issues arising will be dealt with through stat nuisance.

Thanks

Simon Smith
Team Leader – Environmental Protection
Hinckley and Bosworth Borough Council

From: bagworth pizza <bagworthpizza@gmail.com>
Sent: 30 October 2025 09:35
To: Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>; Simon Smith <Simon.Smith@hinckley-bosworth.gov.uk>
Subject: Re: FW: Planning Application 25/00978/FUL - further info - ventilation equipment

hi, good morning,

Alex,

Thank you for your correspondence and for outlining the specific compliance queries regarding our extraction and ventilation system.

Please find below a detailed yet concise response to each point, supported by all technical specifications, architectural drawings, and photographs attached for your review.

1. Carbon Filter Dwell Time

The system incorporates **Jasun Envirocare Activated Carbon Panels**, installed in accordance with manufacturer guidance.

- The **dwell time is 0.2–0.3 seconds**, ensuring optimal air contact for odour absorption.
- The filters achieve **approximately 80–90% odour and grease reduction**, verified by the product datasheet.
- Airflow through the housing is regulated to maintain consistent residence time, preventing bypass or filter overload.
- The filters are mounted safely away from direct heat sources.

(Ref: Activated Carbon Panels Specification & Extraction System Report)

2. Noise and Vibration Control

Comprehensive isolation and insulation measures have been implemented to prevent noise or vibration impact on nearby residents.

- The ducting and fan assembly are supported by **anti-vibration mounts** and **flexible couplings**.
- Two **in-line silencers (Acoustica CP03 C-Series)** are installed to minimise airflow noise.
- The **ceiling void between the shop and first-floor flats** contains **Hush Acoustic Sound Absorber** insulation for additional airborne noise control.
- The **Soler & Palau TCBBx2/4-450 axial fan** uses dynamically balanced impellers compliant with **ISO 1940**, reducing vibration at the source.
- The **predicted external sound level is 35–40 dB(A)** at ground level, within residential limits under **BS 4142**.

(Ref: Extraction Report & Proposed Elevations 2405/01/350)

3. Discharge Point and Height

The flue installation follows the approved design shown in the *Proposed Elevations* drawing.

- The **discharge point is located 1.0 metre above the roof ridge**, allowing efficient dispersion and preventing odour re-entry.
- The **jet cowl outlet** promotes vertical airflow and reduces side discharge.
- The flue is fixed to an existing **solid blockwork chimney stack**, providing structural stability and vibration isolation.
- The assembly is **powder-coated matte black** for corrosion protection and visual integration.
- **Photographic evidence** (attached) confirms the installed height and alignment with the approved drawings.

4. Sound Pressure Level and Acoustic Performance

The ventilation system design complies with **BS 4142:2014** and **BS 4718** for sound attenuation.

- Silencers achieve **up to 29 dB attenuation**, depending on the frequency band.
- The fan's base sound level of **76 dB(A)** is reduced to below **40 dB(A)** at discharge.
- The layout and positioning of silencers within the duct run prevent tonal noise or vibration amplification.
- A formal *Noise Report in compliance with BS 4142* is referenced in the project documentation and can be supplied if required.
(Ref: *Extraction System Report & Specification Sheets*)

5. Silencer Location and System Layout

The system layout is consistent with the *Proposed Plans (2405/01/300)* drawing and installation specification.

- The silencer is positioned **in-line between the fan and the roof discharge**, inside the ceiling void.
- System sequence: **Canopy → Grease Filter → Carbon Filter → Silencer → Axial Fan → Silencer → Vertical Flue → Jet Cowl (1 m above ridge)**.
- All ductwork and fittings were installed by a qualified ventilation contractor following **DW144 HVAC** standards and Building Regulations.

Attachments (Supporting Evidence)

1. – Proposed Elevations (Flue Height & Jet Cowl Position)
2. Proposed Plans (System Layout & Ceiling Void Installation)
3. Existing Plans (Structural Layout)
4. Existing Elevations (Chimney Stack Reference)
5. Extraction System Report (Technical Specification)
6. Activated Carbon Panels Specification
7. Photographs – Installed Flue (1 m above ridge) and Ceiling Void Layout

Conclusion

The extraction system has been installed and verified in full accordance with manufacturer instructions, planning drawings, and relevant British Standards.

The attached documents and photographs provide evidence that the system satisfies requirements for odour control, acoustic performance, and vibration isolation.

Please let me know if any further clarification or on-site verification is required.

Kind regards,

Bagworth chippy.



On Wed, Oct 29, 2025 at 4:30 PM Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk> wrote:

Good afternoon,

Please could you answer the questions below as flagged by the Environmental Health Officer and provide a response at your earliest convenience?

Thanks you.

Regards

Alex Jelley BA MSC MRTPI

Development Services

Planning Consultant

Hinckley & Bosworth Borough Council

Email: alex.jelley@hinckley-bosworth.gov.uk

Phone: 07900924128

Hinckley & Bosworth Borough Council, Hinckley Hub, Rugby Rd, Hinckley, Leics LE10 0FR

From: Simon Smith <Simon.Smith@hinckley-bosworth.gov.uk>

Sent: 27 October 2025 11:16

To: Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>

Subject: RE: Planning Application 25/00978/FUL - further info - ventilation equipment

Hi

As I'm sure you'd agree, this should have all been reviewed prior to installation as retrofitting is difficult. The applicant will be subject to statutory nuisance legislation should the installation cause an odour or noise impact. Notwithstanding this, I have the following questions; it is recommended that the ventilation contractor is contacted by the applicant for advice when answering...

- How has it been ensured that the dwell time on the carbon filter is achieved?
- What isolation/insulation measures have been taken to reduce the impact of noise/vibration on residential flats from the ventilation? It should be detailed what rooms the ventilation system is adjacent to in the neighbouring flat if known.
- What is the discharge point and height above the roof (photos would also be useful)?
- What is the sound pressure level after the silencer? Is this within the system or on discharge?
- Where is the silencer fitted within the system? A system plan would be useful.

Regards

Simon Smith

Team Leader – Environmental Protection

Hinckley and Bosworth Borough Council

From: Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>
Sent: 23 October 2025 12:27
To: Simon Smith <Simon.Smith@hinckley-bosworth.gov.uk>
Cc: Giles Rawdon <Giles.Rawdon@hinckley-bosworth.gov.uk>
Subject: FW: Planning Application 25/00978/FUL - further info - ventilation equipment

Hi Simon,

Apologies, I sent this to Giles by mistake. You will be formally re-consulted as set out below – but sent to you for reference in any case.

The applicant has also confirmed that there are there are six flats on the first floor, and the property has two doors for entry and exit.

If you require any further information – please let me know.

Thanks.

Regards

Alex Jelley BA MSC MRTPI

Development Services

Planning Consultant

Hinckley & Bosworth Borough Council

Email: alex.jelley@hinckley-bosworth.gov.uk

Phone: 07900924128

Hinckley & Bosworth Borough Council, Hinckley Hub, Rugby Rd, Hinckley, Leics LE10 0FR

From: Alex Jelley
Sent: 23 October 2025 12:17
To: Planning Folder New <PlanningFolderNew@hinckley-bosworth.gov.uk>
Cc: Giles Rawdon <Giles.Rawdon@hinckley-bosworth.gov.uk>
Subject: FW: Planning Application 25/00978/FUL - further info - ventilation equipment

Hi Planning,

Please could these attachments be added to Uniform for app 25/00978/FUL and please could the Env Health Team be re-consulted for 14 days as soon as possible?

Thanks.

Regards

Alex Jelley BA MSC MRTPI
Development Services
Planning Consultant
Hinckley & Bosworth Borough Council

Email: alex.jelley@hinckley-bosworth.gov.uk

Phone: 07900924128

Hinckley & Bosworth Borough Council, Hinckley Hub, Rugby Rd, Hinckley, Leics LE10 0FR

From: bagworth pizza <bagworthpizza@gmail.com>
Sent: 23 October 2025 12:15
To: Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>
Subject: Re: Planning Application Acknowledgement Ref. 25/00978/FUL

details specification of the system,

regards,

On Thu, Oct 23, 2025 at 12:11 PM bagworth pizza <bagworthpizza@gmail.com> wrote:

thank you so much for your mail as u discussed above, ventilation system, kindly find the details plans drawings and design.

regards

On Wed, Oct 22, 2025 at 1:31 PM Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk> wrote:

Good afternoon,

The attachment states the following from the Env Health Team:

Prior to final comment; full design details will be required on the ventilation system. This will need to demonstrate no impact from noise, vibration and odour on residential amenity. It needs to be detailed which surrounding units are residential.

Photos are not sufficient – we will need plans/scaled drawings and design details of the equipment up front, as soon as possible.

Regards

Alex Jelley BA MSC MRTPI

Development Services

Planning Consultant

Hinckley & Bosworth Borough Council

Email: alex.jelley@hinckley-bosworth.gov.uk

Phone: 07900924128

Hinckley & Bosworth Borough Council, Hinckley Hub, Rugby Rd, Hinckley, Leics LE10 0FR

From: bagworth pizza <bagworthpizza@gmail.com>

Sent: 22 October 2025 13:29

To: Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>

Subject: Re: Planning Application Acknowledgement Ref. 25/00978/FUL

Thank you so much for the response,

Unfortunately, that file is not opening on any device, is there any chance to send by the PDF format? or word document?

or I can send direct photos of the buildings which contain clear photos of both ventilation.

regards,

On Wed, Oct 22, 2025 at 1:19 PM Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk> wrote:

Good afternoon,

As per my previous email with the Environmental Health Team comments attached - we will need to see details/plans of this equipment as part of the application details.

Regards

Alex Jelley BA MSC MRTPI

Development Services

Planning Consultant

Hinckley & Bosworth Borough Council

Email: alex.jelley@hinckley-bosworth.gov.uk

Phone: 07900924128

Hinckley & Bosworth Borough Council, Hinckley Hub, Rugby Rd, Hinckley, Leics LE10 0FR

From: bagworth pizza <bagworthpizza@gmail.com>

Sent: 22 October 2025 11:27

To: Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>

Cc: Planning Folder New <PlanningFolderNew@hinckley-bosworth.gov.uk>; ram.n@live.co.uk

Subject: Re: Planning Application Acknowledgement Ref. 25/00978/FUL

Thank you for your email

We have already fixed exhaust fan in the premises. Also we have two doors in the restaurant for emergency exit and a toilet for staff.

And we already have class E certificate. For long time,

Looking forward to your response.

On Wed, 22 Oct 2025, 11:05 Alex Jelley, <Alex.Jelley@hinckley-bosworth.gov.uk> wrote:

Good morning,

This planning application is out to consultation at the moment and we have to allow 21 days for comments to come in. I will know a bit more after that time, but the planning authority have 8 weeks to determine the application. If you choose to open/operate as a takeaway before this time – you do so at your own risk. Do you have extractor fan equipment sorted out/agreed for this?

Regards

Alex Jelley BA MSC MRTPI

Development Services

Planning Consultant

Hinckley & Bosworth Borough Council

Email: alex.jelley@hinckley-bosworth.gov.uk

Phone: 07900924128

Hinckley & Bosworth Borough Council, Hinckley Hub, Rugby Rd, Hinckley, Leics LE10 0FR

From: bagworth pizza <bagworthpizza@gmail.com>

Sent: 21 October 2025 18:38

To: Planning Folder New <PlanningFolderNew@hinckley-bosworth.gov.uk>

Cc: ram.n@live.co.uk; Alex Jelley <Alex.Jelley@hinckley-bosworth.gov.uk>

Subject: Re: Planning Application Acknowledgement Ref. 25/00978/FUL

Thank you sir

For your response,

What is the next step?? For the verification?

As we are planning to open next week, so pls confirm us ASAP .

Can we start the shop ??? As a take away?

NAME:- RAM ODERDEA

Address is :-

Bagworth pizza

Le67 1bl.

Reference no :- 25/00978/FUL

Thank you

On Thu, 16 Oct 2025, 12:19 , <planning@hinckley-bosworth.gov.uk> wrote:

Please see attached.Please see attached.

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