

Dear Julie

Thank you for consulting the Environmental Control & Protection Team with regard to this planning application.

I have reviewed the submitted acoustic assessment and have the following comments and conditions to recommend:

Entertainment (music) noise

The assessment derives a representative background sound level of approximately 31 dB LA90 for the period 23:00–00:00 and applies a design criterion of 5 dB below background, in accordance with our guidance.

Predicted entertainment noise levels at the nearest noise-sensitive receptors are demonstrated to be below the relevant limits with appropriate margins.

Whilst a specific daytime assessment has not been presented, background sound levels during daytime periods are significantly higher and it is considered that since compliance with the lower background level of the nighttime period will be achieved then compliance with the daytime period would therefore also be achieved

Conclusion: Acceptable, subject to implementation of the mitigation measures identified within the report.

Noise from patrons (external areas and marquee)

The assessment uses background sound levels representative of the most sensitive late evening period (approximately 29 dB LA90) and demonstrates that predicted patron noise levels are at, or close to, the prevailing background sound

Operational management measures are also proposed to control patron behaviour.

Conclusion: Acceptable in principle, subject to implementation of a Noise Management Plan.

Fixed plant noise (BS4142)

The assessment adopts the following representative background sound levels:

40 dB LA90 (07:00–23:00)
30 dB LA90 (23:00–07:00)

These values are derived from arithmetic means of the survey data.

However, the noise survey indicates that background sound levels reduce during the evening period, and no distinct evening assessment period has been considered, despite plant operating during these hours. Both BS 4142 and local guidance require that background sound levels are representative of the most sensitive period.

In addition, whilst the report states that plant noise has been designed to achieve a rating level 5 dB below background, the results presented (Table 11) indicate that, following mitigation, the rating level is equal to the background sound level (0 dB difference) rather than 5 dB below

Whilst this would typically indicate a low impact in BS4142 terms, it does not accord with the stated design objective and no clear justification is provided.

I would recommend the following conditions are included should planning permission be granted:

The Pavilion

1. The pavilion shall be constructed in full accordance with the acoustic design assumptions set out in the submitted Hepworth Acoustics Noise Assessment, project ref P25-077-R02 including but not limited to:
 - Secondary glazing specification
 - Wall and roof constructions
 - Acoustic doors and lobbied entrances
 - Mechanical ventilation and acoustic attenuation measures

The development shall be retained in accordance with these measures thereafter.

2. The level of noise arising from amplified music associated with the development shall not exceed a level of 5 dB below the representative background sound level (LA90,15min) at the façade of the nearest residential noise-sensitive premises.

The music noise level shall be determined by measurement at the façade of the nearest residential noise-sensitive premises, or at another location agreed in writing by the Local Planning Authority. Measurements shall be undertaken with amplified music operating at representative maximum levels and in accordance with the methodology set out within the approved Hepworth Acoustics Noise Assessment Ref. P25-077-R02. The assessment shall include octave-band analysis where necessary to determine the significance of low-frequency and tonal noise components.

Representative background sound levels shall be expressed as LA90,15min. Music noise levels shall be expressed as LAeq,15min. Measurements shall be undertaken during the most sensitive periods when amplified music is permitted and at times representative of normal worst-case operation of the venue.

The development shall thereafter be operated in accordance with the approved acoustic mitigation measures and operational assumptions contained within the approved Hepworth Acoustics Noise Assessment Ref. P25-077-R02 for the lifetime of the development.

3. Amplified music within the pavilion shall cease by 00:00 hours (midnight at the latest).

4 The use of the pavilion for events involving more than 60 guests shall be limited to no more than 40 occasions per calendar year. A record of such events shall be maintained and made available to the Local Planning Authority upon request.

Noise Management Plan

5. A Noise Management Plan shall be submitted to and approved prior to first use of the development. The plan shall include:

- Areas of the site where amplified music is prohibited
- The policy on recorded music and live music and what additional controls are necessary in term of equipment use and sound testing
- Use of noise limiters including a noise limiter calibration policy
- Monitoring and review procedures. The monitoring must incorporate the use of a class 1 sound level meter at multiple monitoring points correlated with the location of noise sensitive residential dwellings.
- Policy on doors and windows use in areas where music is played
- Details on when the NMP will be reviewed and what would trigger a review
- Control of external areas during evening/night-time periods
- Management of guest behaviour and dispersal
- Staff supervision arrangements during events
- Procedures for responding to noise complaints

The approved plan shall be implemented at all times.

Fixed Plant

6. The rating level (LArTR) of the noise emitted from all fixed plant shall not exceed the existing background noise level (LA90T) at the boundary of the nearest residential premises. The rating level shall be determined by measurement or calculation at the boundary of the nearest noise sensitive premises or at another location that is agreed with the local planning authority. Measurements shall be made in accordance with BS4142:2014 +A1:2019. Where the background levels are to be taken as a LA90 1 hour and the ambient noise levels shall be expressed as an LAeq 1 hour during the daytime [07:00 - 23:00] and shall be expressed as an LA90 and LAeq 5 minutes during the night [23:00 – 07:00] at the boundary of the nearest residential noise-sensitive receptors.

All plant shall thereafter be installed and maintained in accordance with the approved details

7. An acoustic barrier of a minimum height of 2.4 metres shall be constructed surrounding the ASHP units and shall be installed in accordance with the submitted acoustic report and prior to first use of the plant.

The barrier shall be permanently retained and maintained thereafter.

Marquees

8. Any marquee erected on the site shall:

- Only be used between 12:00–20:00 hrs
- Not be used for amplified or live music
- Not be used for evening or night-time entertainment

Fireworks

9. No fireworks, pyrotechnics or similar impulsive noise-generating activities shall take place at the development site at any time

Informative

The applicant is advised that due to the low background noise levels in the area, strict adherence to the approved mitigation measures and operational controls will be necessary to prevent complaints from neighbouring properties.

I trust this is of assistance.

Kind regards

Annabel

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