

## Application reference: 18/3950/DD39

### NORTH RICHMOND WARD

Date application received	Date made valid	Target report date	8 Week date
26.09.2024	26.09.2024	21.11.2024	21.11.2024

**Site:**

Royal Hospital, Kew Foot Road, Richmond, TW9 2TE

**Proposal:**

Details in pursuant of condition NS25 (c) - Mechanical Services Noise Control (c) of planning permission 18/3950/FUL

Status: Pending Consideration (If status = HOLD please check that all is OK before you proceed any further with this application)

**APPLICANT NAME**

UKI Richmond  
Seymour Mews House  
London  
W1H 6BN  
United Kingdom

**AGENT NAME**

Falconer Chester Hall  
12 Temple Street  
Liverpool  
L2 5RH  
United Kingdom

**DC Site Notice:** printed on and posted on and due to expire on

**Consultations:****Internal/External:****Consultee**

LBRUT Environmental Health

**Expiry Date**

18.10.2024

**Neighbours:**

-

**History: Development Management, Appeals, Building Control, Enforcements:**Development Management

Status: REF Application:01/1538  
Date:19/09/2001 Internal Alterations To Create Two Offices And One Meeting Room.

Development Management

Status: PDE Application:91/0528/C84  
Date:17/06/1991 Demolition Of Ex Outpatient Dept, Ex Kitchen & Physiotherapy Depts & Ex Ward Block With Theatre. Creation Of Access Road & Pavement Crossing.

Development Management

Status: GTD Application:93/1811/FUL  
Date:03/03/1994 Demolitions And Extensions/additions.

Development Management

Status: Application:93/1812/LBC  
Date:08/03/1994 Alterations To Enable Incorporation Into Proposed Day Hospital, Includes Demolition Of Later Additions And Forming New Openings.

Development Management

Status: GTD Application:94/1761/FUL  
Date:22/09/1994 Demolitions And Extensions/additions With Evelyn Road Wing

Development Management

Status: GTD Date:22/09/1994	Application:94/1762/LBC Alterations To Enable Incorporation Into Proposed Day Hospital. Includes Demolition Of Later Additions And Forming New Openings.
<u>Development Management</u> Status: GTD Date:20/10/1987	Application:87/1068 Renewal of permission granted in December 1986 for the use of part of ground floor and whole of 1st and 2nd floors of Shaftesbury Road Wing of the Richmond Royal Hospital as accommodation for homeless people.
<u>Development Management</u> Status: GTD Date:09/09/2004	Application:04/2610/LBC Proposed erection of blue, ceramic, commemorative plaque to external wall.
<u>Development Management</u> Status: PDE Date:	Application:07/T0330/TCA T1 - Hornbeam (Carpinus spp.) - Crown lift to 2.5 metres. T2 - Birch (Betula spp.) - Reduce laterals over pavement by 1.5 metres. T4 - Cherry (Prunus spp.) - Cut back from building to give 1.5 metres clearance. T5 - Cherry (Prunus spp.) - Fell to ground level. T6 - Magnolia spp. - Crown lift to clear building by 1 metre. T7 - Cherry (Prunus spp.) - Cut back from lamp column to give at least 1 metres clearance. T8 - Apple (Malus spp.) x 2 - Fell to ground level. T9 - Mulberry (Morus spp.) - Remove limb towards building and tidy stumps T10 - Robinia pseudoacacia - Reduce overall size of crown by approximately 20% Crown lift to 5 metres.
<u>Development Management</u> Status: GTD Date:18/09/2017	Application:17/2850/FUL Alteration of existing car park, including removal of soft landscaping and hard landscaping and new tarmac surfacing, to form new parking bay layout.
<u>Development Management</u> Status: GTD Date:06/02/2020	Application:18/3950/DD05 Details pursuant to condition DV42 (details of foundations) of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:18/12/2019	Application:18/3950/DD06 Details pursuant to condition NS17 (Sustainable Drainage System) of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:06/02/2020	Application:18/3950/DD07 Details pursuant to condition NS07 (Engineering Method Statement) of planning permission 18/3950/FUL Engineering Method Statement for the Protection and Support of the existing building at Richmond Royal hospital, prepared by Walsh.
<u>Development Management</u> Status: GTD Date:08/11/2019	Application:18/3950/DD08 Details pursuant to condition DV29F (Potentially Contaminated Sites) of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:27/11/2019	Application:19/2992/ADV 4 advert panels (1 x wall mounted and 3 x free standing/mounted on two aluminium poles)
<u>Development Management</u> Status: GTD Date:28/11/2019	Application:19/3005/LBC Listed Building Consent for the temporary installation of four panel advertisements, associated with the future redevelopment of the Site, at Richmond Royal Hospital
<u>Development Management</u> Status: GTD Date:10/12/2019	Application:18/3950/DD12 Details pursuant to condition - NS29 - Arboricultural Method Statement of 18/3950/FUL
<u>Development Management</u> Status: GTD Date:10/12/2019	Application:18/3950/DD13 Details pursuant to condition NS30 - Tree Planting Scheme of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD	Application:18/3950/DD14

Date:18/03/2020	Details pursuant to condition NS31 - Hard and Soft Landscaping - of 18/3950/FUL
<u>Development Management</u> Status: GTD Date:10/01/2020	Application:18/3950/DD15 Details pursuant to condition NS32 - Ecological Enhancements - of planning permission 18/3950/FUL
<u>Development Management</u> Status: GTD Date:20/03/2020	Application:18/3950/DD18 Details pursuant to condition BD13A of planning permission 18/3950/FUL
<u>Development Management</u> Status: GTD Date:20/03/2020	Application:18/3950/DD17 Details pursuant to condition NS01 - specified details - of planning application 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:06/03/2020	Application:18/3950/DD16 Details pursuant to condition NS02 (Cross Section Details) of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:09/06/2020	Application:18/3950/DD19 Details pursuant to condition NS08 - Construction Method Statement and Construction Logistics Plan, of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:01/04/2020	Application:18/3950/DD20 Details pursuant to condition NS27 (Noise and vibration construction method) of planning permission 18/3950/FUL
<u>Development Management</u> Status: GTD Date:01/04/2020	Application:18/3950/DD21 Details pursuant to condition NS28 - dust management plan - of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:17/03/2020	Application:18/3950/DD22 Details pursuant to condition NS35 - reinstatement of crossover - of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:03/02/2020	Application:18/3950/DD23 Details pursuant to part 1.Cii of condition DV29F (contamination) of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:06/03/2020	Application:18/3950/NMA Non-material amendment to planning application 18/3950/FUL to allow for various design changes including to fenestration, balustrades, increase to parapet height (310mm) on Evelyn Road elevation, new rooflights, materials, ventilation louvres and positioning of plant enclosure.
<u>Development Management</u> Status: GTD Date:09/06/2020	Application:20/0711/VRC Variation of Condition Number U065631 (DV48 - Approved Drawings) of Listed Building Consent 18/3951/LBC to allow for alterations to openings and replacement windows on the lower ground floor of the listed building on Kew Foot Road
<u>Development Management</u> Status: WDN Date:06/10/2021	Application:21/3029/VRC Application Reference Number: 18/3950/FUL - Date of Decision: 15/07/2019 - Condition Number(s): NS08Conditions(s) Removal: The condition is required to be changed due to the nature of the original application where no contractor had been selected at that time. The original CMS should be replaced by the more recent and comprehensive documents developed by the contractor Henrys Construction.
<u>Development Management</u> Status: GTD Date:20/12/2022	Application:18/3950/DD28 Details pursuant to condition U0065604 - NS13: Car park management plan (residential), of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD	Application:18/3950/DD32

Date:03/06/2024	Details pursuant to condition PK06A - cycle parking of planning permission 18/3950/FUL
<u>Development Management</u> Status: GTD Date:16/10/2024	Application:18/3950/DD33 Details pursuant to condition U0065624 NS33: External Illumination of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:23/08/2024	Application:18/3950/DD34 Details pursuant to condition DV28 - external illumination of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:01/07/2024	Application:18/3950/DD35 Details pursuant to condition U0065629 NS38: Balcony / Roof Terraces of planning permission 18/3950/FUL.
<u>Development Management</u> Status: PCO Date:	Application:18/3950/DD36 Details in pursuant of condition DV18A - (Refuse arrangements ) of planning permission 18/3950/FUL
<u>Development Management</u> Status: GTD Date:08/10/2024	Application:18/3950/DD37 Details pursuant to condition DV29F Potentially Contaminated Sites [Parts 2a and b(i)(ii)(iii)] of planning permission 18/3950/FUL.
<u>Development Management</u> Status: GTD Date:08/10/2024	Application:18/3950/DD38 Details pursuant to condition NS22 Noise Protection Residential (1) (Part b) of planning permission 18/3950/FUL.
<u>Development Management</u> Status: PCO Date:	Application:18/3950/DD39 Details in pursuant of condition NS25 (c) - Mechanical Services Noise Control (c) of planning permission 18/3950/FUL
<u>Building Control</u> Deposit Date: 24.08.1993 Reference: 93/0929/FP	Second floor internal refurbishment & external maintenance
<u>Building Control</u> Deposit Date: 19.01.1996 Reference: 94/1571/3/FP	Major refurbishment to provide day hospital accommodation.
<u>Building Control</u> Deposit Date: 10.09.2012 Reference: 12/1662/FP	Internal alterations to partition layout at ground and basement level (E Block)
<u>Building Control</u> Deposit Date: 05.03.2021  Reference: 21/0381/IN	Refurbishment of existing hospital building into 71 x flats. The work excludes any gas work subject to the Gas Safety (Installation and Use) Regulations 1998 and electrical work notifiable under the Building Regulation 12(6A) (now known as 42 and 43 Kew Foot Road Richmond TW9 2SS; Flats 1-54 Rossdale Court 44 Kew Foot Road Richmond TW9 2AF; Flats 1-14 Darsie House 1 Arne Lane Richmond TW9 2BF; 2 Arne Lane Richmond TW9 2BF and Medical Centre 24 Evelyn Road Richmond TW9 2TF)
<u>Enforcement</u> Opened Date: 11.05.2023 Reference: 23/0217/EN/BCN	Enforcement Enquiry

**Recommendation:**

The determination of this application falls within the scope of Officer delegated powers - YES

**I therefore recommend the following:**

- 1. REFUSAL
- 2. PERMISSION
- 3. FORWARD TO COMMITTEE

This application is CIL liable  YES\*  NO  
 (\*If yes, complete CIL tab in Uniform)

This application requires a Legal Agreement  YES\*  NO  
 (\*If yes, complete Development Condition Monitoring in Uniform)

This application has representations online (which are not on the file)  YES  NO

This application has representations on file  YES  NO

Case Officer (Initials): EMC Dated: 23.10.24

**I agree the recommendation:**

Team Leader Lucy Thatcher

Dated: 25 October 2024

This application has been subject to representations that are contrary to the officer recommendation. The Head of Development Management has considered those representations and concluded that the application can be determined without reference to the Planning Committee in conjunction with existing delegated authority.

Head of Development Management: .....

Dated: .....

<b>REASONS:</b>
<b>CONDITIONS:</b>
<b>INFORMATIVES:</b>
<b>UDP POLICIES:</b>
<b>OTHER POLICIES:</b>

The following table will populate as a quick check by running the template once items have been entered into Uniform

## SUMMARY OF CONDITIONS AND INFORMATIVES

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### CONDITIONS

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### INFORMATIVES

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<b>Application Number</b>	<b>18/3950/DD39</b>
<b>Address</b>	Royal Hospital Kew Foot Road Richmond TW9 2TE
<b>Proposal</b>	Details in pursuant of condition NS25 (c) - Mechanical Services Noise Control (c) of planning permission 18/3950/FUL
<b>Contact Officer</b>	Emer Costello
<b>Target Determination Date</b>	21/11/2024

## 1. DESCRIPTION OF THE PROPOSAL AND ANY RELEVANT PLANNING HISTORY

### The Proposal

*Planning Permission 18/3950/FUL*

*(1) Conversion of the existing health facilities (use class D1) to a mixed-use development providing 71 no. residential apartments (use class C3) and 500 sqm of D1 (Health) floorspace. (2) Restoration, alteration, extensions and demolition (mainly of later additions) to the existing buildings, new build and provision of a lower ground floor basement (car parking, plant and servicing) and associated landscaping. (3) Listed building consent for the refurbishment and restoration of Shaftesbury House (Grade II listed), conversion of existing health facilities (use class D1) to residential apartments (use class C3) and all ancillary and associated works. Granted Permission 15/07/2019*

### **U0065616 NS25: Mechanical Services Noise Control**

**Prior to the occupation of the development hereby approved (residential and health), and before any mechanical services plant including heating, ventilation and air conditioning (HVAC) and kitchen extraction plant is used, a scheme for Mechanical Services Noise Control shall be submitted to and approved in writing by the local planning authority which demonstrates that the following noise design requirements can be complied with and shall thereafter be retained as approved:**

- a. The cumulative measured or calculated rating level of noise emitted from the mechanical services plant shall be no greater than the existing background noise level, at all times that the mechanical system etc. operates. The measured or calculated noise levels shall be determined at the boundary of the nearest ground floor noise sensitive premises or 1 meter from the facade of the nearest first floor (or higher) noise sensitive premises, and in accordance to the latest British Standard 4142; An alternative position for assessment /measurement may be used to allow ease of access, this must be shown on a map and noise propagation calculations detailed to show how the design criteria is achieved.**
- b. The plant shall be isolated on adequate proprietary anti-vibration mounts to prevent the structural transmission of vibration and regenerated noise within adjacent or adjoining premises, and these shall be so maintained thereafter.**
- c. A commissioning acoustic test and report shall be undertaken within 2 weeks of mechanical services commissioning, in order to demonstrate that condition 1 (b&c) above has been achieved. The results of the test shall be submitted to and approved in writing by the LPA.**

**REASON:** In order to safeguard the amenities of neighbours and future occupiers of the development.

Key Planning History

18/3950/DD10 Details pursuant to condition NS25 - mechanical services noise control (parts (a) and (b) ONLY) of planning permission 18/3950/FUL. Granted Permission 05/12/2019

NMAs

18/3950/NMA3 Non material amendment to planning application 18/3950/FUL to allow internal alterations to the layout of an approved residential unit (UG08) located on the upper ground floor to change from a 2 bedroom dwelling to a 1 bedroom dwelling. Granted Permission 12/05/2020

18/3950/NMA2 Non material amendment to planning application 18/3950/FUL to allow for alterations to openings and replacement windows on the lower ground floor of the listed building on Kew Foot Road. Granted Permission 08/06/202

18/3950/NMA1 Non material amendment to planning application 18/3950/FUL to allow for inclusion of smoke extract riser to Evelyn Road elevation. Granted Permission 17/03/2020

DDs

18/3950/DD36 Details in pursuant of condition DV18A - (Refuse arrangements) of planning permission 18/3950/FUL Pending

18/3950/DD34 Details pursuant to condition DV28 - external illumination of planning permission 18/3950/FUL. GRANTED

18/3950/DD32 Royal Hospital Kew Foot Road Richmond TW9 2TE Details pursuant to condition PK06A - cycle parking. Granted 03.06.24

18/3950/DD35 Royal Hospital Kew Foot Road Richmond TW9 2TE Details pursuant to condition U0065629 NS38: Balcony / Roof Terraces of planning permission 18/3950/FUL. Granted

18/3950/DD31 Details pursuant to PART of condition U0065628 NS37: Plaques and Photographs  
Granted 14/02/2024

18/3951/DD06 Details pursuant to PART of condition U0065637 NS04 Plaques and Photographs  
10 Granted 14/02/2024

18/3951/DD05 Details pursuant to PART of condition U0065637 NS04 Plaques and Photographs  
10 Granted 14/02/2024

18/3950/DD30 Details pursuant to PART of condition U0065628 - NS37: Plaques and Photographs, of planning permission 18/3950/FUL. 10/05/2023 15/08/2023 Granted  
Permission 15/08/2023

18/3950/DD29 Details pursuant to condition U0065600 NS09 - Delivery and Servicing Plan - Health Facility, of planning permission 18/3950/FUL. Granted 06/10/2023

18/3951/DD04 Details pursuant to condition U0065636 (NS03: GLAAS - WSI) of listed building consent 18/3951/LBC Granted 14/02/2023

18/3950/DD27 Details pursuant to conditions U0065597 (NS06: GLAAS - WSI) of Planning Permission 18/3950/FUL Granted 14/02/2023

18/3950/DD26 Details pursuant to condition BD10 (Sample panels of brickwork) of Planning Permission 18/3950/FUL. Granted 18/01/2024

18/3950/DD25 Details pursuant to condition NS31 (hard and soft landscaping - revised submission) of planning permission 18/3950/FUL. Granted 15/06/2020

18/3950/DD24 Partial Discharge - Details pursuant to condition NS39 Public highway / pavement survey (PART A ONLY) of planning permission Granted 22/05/2020

18/3951/DD02 Details pursuant to conditions NS01 (specified details) of listed building consent  
 18/3951/LBC 30/10/2019 30/10/2019 Granted 27/05/2020

18/3951/DD03 Details pursuant to condition NS02 (schedule of works) and LB11 (matching) of listed building consent 18/3951/LBC Granted 27/05/2020

18/3950/DD09 Details pursuant to condition NS22 - noise protection (part (a) ONLY) of planning permission 18/3950/FUL. Granted 05/12/2019

18/3950/DD10 Details pursuant to condition NS25 - mechanical services noise control (parts (a) and (b) ONLY) of planning permission 18/3950/FUL. Granted 05/12/2019

18/3950/DD11 Details pursuant to condition NS34 (green roof) of planning permission  
 18/3950/FUL. Biodiverse Roof Strategy Prepared by Spacehub Granted 06/12/2019

18/3950/DD04 Details pursuant to condition U0065609 (NS18: PV Panels) of planning permission  
 18/3950/FUL Granted 01/11/2019

18/3950/DD03 Details pursuant to condition 0065603 (NS12: Electric Vehicle Charging Points) of planning permission 18/3950/FUL Granted 05/10/2019

18/3951/DD01 Details pursuant to Part A ONLY of condition U0065636 (NS03: GLAAS - WSI) of listed building consent 18/3951/LBC 21/08/2019 Granted 04/10/2019

18/3950/DD02 Details pursuant to part A ONLY of condition U0065597 - NS06: GLAAS - WSI of planning permission 18/3950/FUL Granted 04/10/2019

18/3950/DD01 Details pursuant to condition - NS23 Acoustic Statement of planning permission  
 18/3950/DD01 Granted 01/11/2019

Please see the cover sheet above for full planning history.

**2. CONSULTATION**

<b>Internal Consultees</b>	
LBRUT Environmental Health (Noise)	No objection.

**3. AMENDMENTS**

None.

**4. EXPLANATION OF OFFICER RECOMMENDATION**

Committee Report

Noise:

Paragraph 112. An Acoustics Report has been submitted. The applicant is proposing mechanical ventilation and heat recovery strategy as well as appropriately design façade (to the extensions/new build). Some exceedance of internal ambient noise levels are identified within the listed building. Whilst this is a drawback of the scheme, this has to be balanced against the need to preserve the significance of the listed building. On this basis, a marginal exceedance is considered acceptable.

Paragraph 113. Plant is proposed to be housed within the basement. The Acoustic Report acknowledges that detailed plant selections have not been made, however, recommends limits for external noise generation equipment. The Council's Environmental Health Officer raises no objections, subject to conditions.



Sustainability

An Energy Strategy that identifies:

- the refurbishment of the existing buildings to residential dwellings would achieve carbon savings of 65.9%,
- the new build residential building would achieve carbon savings of 42.3%
- the refurbishment of the healthcare unit would bring about carbon savings of 40%.

This would be achieved through passive design measures and energy efficient fabric and fittings to reduce demand for energy, including mechanical ventilation systems to reduce energy consumption.

Committee Report Addendum

None

Committee Minutes

None

Summary

It is noted that mechanical ventilation systems in the residential development are part of the Energy Strategy to achieve carbon saving for this development. There is:

- Some exceedance of internal ambient noise levels are identified within the listed building.

This is discussed in the officer assessment section below.

Supplied Information

Acoustic Technical Note by RBA Acoustics REV 01 REF: 13081.ATN03.COM.0 Received 26 Sep 2024

Officer Assessment

**U0065616 NS25: Mechanical Services Noise Control**

**Prior to the occupation of the development hereby approved (residential and health), and before any mechanical services plant including heating, ventilation and air conditioning (HVAC) and kitchen extraction plant is used, a scheme for Mechanical Services Noise Control shall be submitted to and approved in writing by the local planning authority which demonstrates that the following noise design requirements can be complied with and shall thereafter be retained as approved:**

- The cumulative measured or calculated rating level of noise emitted from the mechanical services plant shall be no greater than the existing background noise level, at all times that the mechanical system etc. operates. The measured or calculated noise levels shall be determined at the boundary of the nearest ground floor noise sensitive premises or 1 meter from the facade of the nearest first floor (or higher) noise sensitive premises, and in accordance to the latest British Standard 4142; An alternative position for assessment /measurement may be used to allow ease of access, this must be shown on a map and noise propagation calculations detailed to show how the design criteria is achieved.**
- The plant shall be isolated on adequate proprietary anti-vibration mounts to prevent the structural transmission of vibration and regenerated noise within adjacent or adjoining premises, and these shall be so maintained thereafter.**
- A commissioning acoustic test and report shall be undertaken within 2 weeks of mechanical services commissioning, in order to demonstrate that condition 1 (b&c) above has been achieved. The results of the test shall be submitted to and approved in writing by the LPA.**

**REASON:** In order to safeguard the amenities of neighbours and future occupiers of the development.

<b>U0065616 NS25: Mechanical Services Noise Control</b>		<b>Officer Assessment</b>	
<b>Prior to the occupation of the development hereby approved (residential and health),</b>		This part of this condition has been discharged via 18/3950/DD10.	

<p><b>and before any mechanical services plant including heating, ventilation and air conditioning (HVAC) and kitchen extraction plant is used, a scheme for Mechanical Services Noise Control shall be submitted to and approved in writing by the local planning authority which demonstrates that the following noise design requirements can be complied with and shall thereafter be retained as approved:</b></p>	<p>Hoare LEA Acoustics Planning Condition Rev 01 dated 26 Sept 2019 Project Ref. 1010416 received 19 October 2019 (Noise Report, 2019) supplied for 18/3950/DD10.</p>									
<p><b>a. The cumulative measured or calculated rating level of noise emitted from the mechanical services plant shall be no greater than the existing background noise level, at all times that the mechanical system etc. operates. The measured or calculated noise levels shall be determined at the boundary of the nearest ground floor noise sensitive premises or 1 meter from the facade of the nearest first floor (or higher) noise sensitive premises, and in accordance to the latest British Standard 4142; An alternative position for assessment /measurement may be used to allow ease of access, this must be shown on a map and noise propagation calculations detailed to show how the design criteria is achieved.</b></p>	<p>Noise report 2019, Section 6.1:</p> <table border="1" data-bbox="810 517 1428 824"> <thead> <tr> <th>Period, T</th> <th>Typical lowest background levels LA90, T</th> <th>Plant noise rating level Lar, Tr</th> </tr> </thead> <tbody> <tr> <td>Day (0:00-23:00)</td> <td>41</td> <td>41</td> </tr> <tr> <td>Night (23:00-07:00)</td> <td>35</td> <td>35</td> </tr> </tbody> </table> <p>Extract Table 5 Noise Report, 2019</p> <p>Noise Report, 2019, Section 6.1          “As discussed in Section 2, the Local Authority requires that plant noise emissions from new plant proposals will need to be controlled to a limit in line with BS 4142 and is to be met 1m from the nearest noise sensitive façade. To ensure there is low impact from the future plant on the local environment, it is recommended that the plant noise emission limits in Table 5 are met. ... This limit has been set to enable a ‘low noise significance risk’ as defined within the Local Authority Supplementary Planning Guidance.”</p> <p>This part of this condition has been discharged via 18/3950/DD10.</p>	Period, T	Typical lowest background levels LA90, T	Plant noise rating level Lar, Tr	Day (0:00-23:00)	41	41	Night (23:00-07:00)	35	35
Period, T	Typical lowest background levels LA90, T	Plant noise rating level Lar, Tr								
Day (0:00-23:00)	41	41								
Night (23:00-07:00)	35	35								
<p><b>b. The plant shall be isolated on adequate proprietary anti-vibration mounts to prevent the structural transmission of vibration and regenerated noise within adjacent or adjoining premises, and these shall be so maintained thereafter.</b></p>	<p>Agreed. This part of this condition has been discharged via 18/3950/DD10.</p>									
<p><b>c. A commissioning acoustic test and report shall be undertaken within 2 weeks of mechanical services commissioning, in order to demonstrate that condition 1 (b&amp;c) above has been achieved. The results of the test shall be submitted to and approved in writing by the LPA.</b></p>	<p>Acoustic Technical Note REV 01 REF: 13081.ATN03.COM.0 Received 26 Sep 2024 (Noise Report, 2024)</p> <p>The correct noise emission limits (Table 5 of the Noise Report 2019) are set out in section 2 of the Noise Report 2024.</p> <p>Noise Report 2024 Measured Noise Levels Section 5:</p>									

Position 1	Position 2	Position 3
Measured External Ambient levels LAeq 1m	Measured External Ambient levels LAeq	Measured External Ambient levels LAeq
49	49	58

Extract Table 2 Noise Report, 2024

Noise Report (2024) Section 6 “When the measured level at Position 1 is extrapolated to 1m from the NSR by applying distance attenuation, the resulting predicted level would be 31 dBA. This is comfortably within the noise emission limits for both daytime and night-time periods (41 dBA and 35 dBA, respectively). It should be noted that, given plant room noise levels were barely audible at Position 1, the noise levels which we have extrapolated to the NSR consist primarily of external (environmental) sources of noise rather than being dominated by atmospheric noise emissions from the plant room itself. The contribution to the predicted level at the NSR of plant room noise is therefore likely to be significantly lower than 31 dBA and this is, therefore, a very much worst-case assessment. It is also worth noting that Position 2, where atmospheric noise emission from the plant room were completely inaudible, recorded an almost identical noise level to that at Position 1”

The noise levels recorded (Table 2 Noise Report 2024) are above the plant noise emission levels agreed because they are environmental noise measurements. The plant noise is ‘barely audible’ on its own (circa 31 dBA). This is well within the agreed limits.

Exceedance of internal ambient noise levels are identified within the listed building

Any noise exceedance levels are not caused from the plant noise which in isolation is circa 31 dBA. The Listed Building is some distance to the west of the proposed plant room.



Figure 1. Plant Room, Noise Emission Testing Locations and Listed Building

## 5. RECOMMENDATION

Upon full assessment of the submitted material supporting the application, it is considered the requirements of condition of condition NS25 (c) - Mechanical Services Noise Control (c) of planning permission 18/3950/FUL are acceptable. This condition may be **DISCHARGED**.