

MEMO

Job **Charlton Riverside UK11-23110**
 Client **Rockwell Residential Ltd**
 Memo no. **01A**
 Date **13/04/2018**
 To **Killian Harrington/Ben Green**
 From **Paul Driscoll/Sheenagh Mann**
 Copy to **Sheenagh Mann/Michael Elliott/Greg Smith**

1. Introduction

This letter has been prepared as requested in the WBM's letter (ref 4650, dated 4th April 2018) regarding the proposed noise conditions for the development at Charlton Riverside.

The WBM letter states that Jillian Holford (RBG Principal Planning Officer) commented on 21.03.18 that Criteria 1 – 6 need to be set out in a document submitted to the Council by the applicant and included in the list of approved documents on the decision notice. The conditions can then refer to "Criteria 1 – 6 as set out in xxx document dated xxx".

A full updated list of all draft conditions and criteria is provided below with Ramboll's proposed amendments/additions highlighted in bold.

2. Draft conditions

2.1 Condition 1

Prior to the commencement of construction of each **building**, full details demonstrating that Noise Criteria 1 to 6 are met shall be submitted to and approved in writing by the Local Planning Authority (in consultation with the Port of London Authority and Safeguarded Wharf Operators).

2.2 Condition 2

Prior to the first occupation of each **building**, a scheme for testing the internal and external noise environment of the units, to demonstrate compliance with Criteria 1 to **5**, shall be submitted to and approved in writing by the Local Planning Authority (in consultation with the Port of London Authority and Wharf operators).

2.3 Condition 3

Prior to the first occupation of each **building**, the scheme for noise testing required by Condition 2 shall be implemented and the test results submitted and approved in writing by the Local Planning Authority (in consultation with the Port of London Authority and the Safeguarded Wharf Operators).

2.4 Condition 4

The development shall be carried out in accordance with the measures required by Conditions 1 to 3 and Noise Criteria 1 to **5**.

3. Noise criteria

3.1 Criterion 1

Noise levels in bedrooms at night shall not exceed 30 dB $L_{Aeq,8h}$ and shall not exceed 45 dB $L_{Amax,f}$ more than 10-15 times per night for regular noise sources. Regular noise sources include **sources which commonly occur at, or in the vicinity of, the site, as opposed to one-off events, or special occasions which could result in higher than**

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Comment [PD1]: Criterion 6 is not acceptable, therefore has been omitted.

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typical site noise levels. The limits include all external noise sources and building services noise if applicable.

3.2 Criterion 2

Noise levels in habitable rooms during the day shall not exceed 35 dB $L_{Aeq,16h}$. The limit includes all external noise sources and building services noise if applicable.

3.3 Criterion 3

The maximum dredger-only noise level at the 63 Hz octave-band inside any habitable room at any time shall not exceed 50 dB $L_{eq,63Hz}$.

3.4 Criterion 4

Noise levels in bedrooms at night under higher ventilation rates **[definition to be provided by M&E consultant]** such as may be required for mitigation against overheating, shall not exceed 35 dB $L_{Aeq,8hour}$. Criterion 4 does not apply to purge ventilation. This limit applies to rooms that are exposed to façade noise levels due to wharf and dredger operations at or above 50 dB $L_{Aeq,15min}$ and/or 65 dB $L_{eq,63Hz}$.

3.5 Criterion 5

Noise levels in habitable rooms during the day under higher ventilation rates **[definition to be provided by M&E consultant]**, such as may be required for mitigation against overheating, shall not exceed 40 dB $L_{Aeq,16hour}$. Criterion 5 does not apply to purge ventilation. This limit applies to rooms that are exposed to façade noise levels due to wharf and dredger operations at or above 55 dB $L_{Aeq,15min}$ and/or 65 dB $L_{eq,63Hz}$.