

Ref: VA3600.210915.L5

15 September 2021



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Tene Living (Reading) UK Ltd

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Supplementary Information to VA3600.210729.PDA1.4

This addendum has been prepared to update the Council in relation to noise considerations relevant to the prior approval application (ref: 211261) for the change of use of the offices at 6 – 8 Market Place, Reading to residential use under Class O of the General Permitted Development Order. This supplementary submission to the previous report ref. VA3600.210729.PDA1.4 dated 29th July 2021, follows reductions in noise affecting the site.

Venta Acoustics has been commissioned by Tene Living (Reading) UK Ltd to update the survey following these works.

As outlined in the July 2021 report, mitigation at source had been examined and found to be possible. Since then, works to reduce noise from the commercial sources affecting the site (shown below) have been carried out. This has resulted in an improved acoustic environment which would need to be taken into account in considering the application.



Figure 1.1 – Meter locations

The results of the survey exercises are compared below:

Position 1

Monitoring Period	Typical ¹ L _{A90,T}		Plant Noise L _{Aeq}	
	July 2021	Sep 2021	July 2021	Sep 2021
07:00 – 23:00	45 dB	42 dB	56 dB	-
23:00 – 07:00	41 dB	42 dB		

The typical L_{A90} value is taken as the 10th percentile of all L_{A90} values measured during the relevant period

The plant has been relocated so there is no commercial noise affecting the building in this location anymore. None of the units facing this court-yard are affected by plant noise.

Position 2

Monitoring Period	Typical ¹ L _{A90,T}		Plant Noise L _{Aeq}	
	July 2021	Sep 2021	July 2021	Sep 2021
07:00 – 23:00	41 dB	46 dB	58 dB	45 dB
23:00 – 07:00	41 dB	43 dB		

The typical L_{A90} value is taken as the 10th percentile of all L_{A90} values measured during the relevant period

Noise from the plant has been reduced by 13dB, a significant reduction following the remedial and maintenance works on a faulty air conditioning unit.

Position 3

Monitoring Period	Typical ¹ L _{A90,T}		Plant Noise L _{Aeq}	
	July 2021	Sep 2021	July 2021	Sep 2021
07:00 – 23:00	49 dB	47 dB	62 dB (turns off at 22:45)	50 dB (turns off at 22:45, dropping to 41dB at night)
23:00 – 07:00	42 dB	41 dB		

The typical L_{A90} value is taken as the 10th percentile of all L_{A90} values measured during the relevant period

Noise from the plant has been reduced by 12dB during the restaurant's operational hours, with the replacement of an old cold room chiller being part of the remedial works.

The betterment in the acoustic environment should be taken into account in considering the prior approval application and we would be open to further discussions with the Council about the matters raised within this addendum.