

## 9. NOISE

9.1 Chapter 9 of the Original ES assessed the likely significant noise effects of the Proposed Development at nearby sensitive locations during the construction and operational phases. A Noise Assessment was also submitted as a technical appendix. This has been reviewed in light of the amendments to the scheme and the consultations comments received.

9.2 The Norwich City Council Environmental Protection team raised a number of points on which clarification or additional information was sought during the consultation process. This included further analysis of the noise climate using proprietary noise modelling software such as CadnaA or similar. Stansted Environmental Services undertook CadnaA modelling, the findings are included at **Appendix SEI 9.2** of this SEI.

9.3 The findings of the CadnaA modelling shows that the highest daytime level of noise at the facades are within the >65dB banding which correlates with the 67.2dB level referred to in the Original ES. This is further broken down as follows;

- Maximum façade levels on the Pitt Street/New Botolph Street elevation elevation = >60dB
- Maximum façade levels on the Edward Street = >65dB
- Maximum façade levels on the St Crispins Road elevation = >65dB
- Maximum façade levels on the Magdalen Street elevation = <60dB

9.4 As such, the level of attenuation required remains 32dB as stated within the ENA at the noisiest elevations. As set out in the Original ES, all dwellings will be provided with acoustically treated trickle vents or mechanical ventilation where external noise survey results dictate that such arrangements are necessary.

9.5 Therefore, the conclusions set out in the Original ES on noise do not change and therefore remain valid. A satisfactory noise environment will be produced within the dwellings, their communal amenity space and private balconies, when the latter are likely to be used. Notwithstanding, further noise surveys can be required by condition prior to the submission of Reserved Matters applications for each phase to ensure that the noise environment does not change.

9.6 In respect of the Amended Scheme, it is considered that these changes do not affect the findings of the Noise Assessment contain within the Original ES. Therefore, there are no changes to the

conclusions in terms of Residual Effects in Chapter 9 resulting from the amendments to the application scheme.

- 9.7 Since the submission of the original ES, the Government has published its updated National Planning Policy Framework (NPPF) in July 2018. Whilst the new NPPF has amended a number of policies, it is considered that these policies do not materially change the findings of the original ES.
- 9.8 Paragraph 180 of the New NPPF requires, new development to, inter alia, “*mitigate and reduce to a minimum potential adverse impact resulting from noise from new development, and avoid noise giving rise to significant adverse impacts on health and the quality of life*”. This is addressed in the Original ES paragraphs 9.6-9.8.
- 9.9 The conclusions of Chapter 9 of the Original ES are therefore not changed by NPPF 2018 or the amendments to the scheme.