

Noise Assessment for Units 7-9 Redstone Industrial Estates, Boston, Lincs

Introduction

The site is situated within Redstone Industrial Estate, Redstone Road, Boston. Site boundary indicated in red – Appendix A

The original site/s incorporated units 7,8 & 9.

The site area is 5,472 sq m. It currently consists of 1 light industry building of 624m².

The site has previously had various planning permissions within the B1-8 use class.

The site is on an allocated employment site as identified in the South East

Lincolnshire Local Plan 2011-36 and therefore the principle of new

industrial/commercial development is acceptable.

Design Principles

It is proposed to construct a new industrial building suitable for 11 units.

Approximate additional floor area amounts to 1419m².

The general use of each industrial unit is within the B2 category.

It is difficult to identify the likely noise of each unit as these are to be rented out so anyone may be different to another although all likely to be light industry.

Each unit will look at controlling noise to the environment by taking acoustic considerations into account within any duct, grill and the termination design.

The control system should meet the requirements laid down in BS4142: 2014 'Method of Rating and assessing industrial and commercial sound'.

It is the intention to construct a solid timber acoustic boundary fence along the perimeter on the South Elevation as a good acoustic barrier.

Conclusion

The site is to be used for what it was allocated for i.e industrial use. Any residential accommodation is a substantial distance away over a river so should not be affected.

Noise control measures will be undertaken within individual units along with the installation of a solid acoustic barrier being installed along the South boundary.



Appendix A

Dated: Mar 2021