
TECHNICAL MEMO

Our Ref: 5533_001m_1-0_jb



To: Cathy Fishenden
enplan

From: Joe Baggaley
Director
E: joeb@andersonacoustics.co.uk
T: 07711 009794

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SUBJECT: TOWER NOISE ASSESSMENT, BEACH ROAD NEWHAVEN

1 INTRODUCTION

Anderson Acoustics has reviewed WBM comments relating to the Beach Road mixed use development in Newhaven Ref LW/23/0304).

The comments are made on behalf of the Brett & Day Group, document ref 5459rev2.

The comments are summarised and numbered on Page 10 of the document. Below are our responses to those numbered comments. Comment 6 appears to be a general summary of comments which our responses to comments 1 to 5 should address by default.

2 RESPONSE TO COMMENT 1

With the Brett and Day Group site understood to be 1km north of the development, the data captured through extensive unattended and attended surveys and the design suggested should address noise from this site by default. There are closer commercial operations that produce higher levels.

With regards to the unloading of ships, the data captured during the attended survey with the Transmarche Ferry and Ripleys Scrap yard activity is considered commensurate with other activities that may occur at the port, so the design should ensure internal noise levels are achievable during these events.

3 RESPONSE TO COMMENT 2

Mitigation measures are provided with heavy acoustic glazing and mech vent with comfort cooling.

The high commercial levels recorded are not constant and for a large proportion of the day and night noise levels will be lower and noise conditions inside dwellings comfortable.

Sealing shut windows removes the flexibility for future residents and can impact on enjoyment of the dwelling which go beyond just noise.

As for complaints, the residents are moving into a port, and so will expect some port activity noise as characteristic of the location. The design ensures they can control the impact by closing windows and

with mech vent able to manage the temperature to a comfortable level that allows rest and sleep whilst windows are closed and noise levels controlled.

4 RESPONSE TO COMMENT 3

The BS 8233 method is deemed an appropriate assessment methodology to assess external amenity.

Again we- reiterate that the benefit of having a balcony would far out-weighs the marginal noise exceedance, not to mention the views residents would enjoy over the port and wider newhaven, as well as the practical benefits provided by balconies (e.g. Vitamin D, Fresh Air, Horticulture, Drying clothes).

Also to mention the site provides several rooftop podium gardens for communal use, which should fall within 8233 noise levels.

5 RESPONSE TO COMMENT 4

A penalty of +7dB correction over what was measured has been applied to account for nature of noise source. which should address any low frequency concern.

6 RESPONSE TO COMMENT 5

The survey work already conducted is deemed to have adequately appraised noise levels incident on the proposed development site from both commercial and transportation sources immediate to the locality. In addition, a correction of 7 dB has been applied to these levels to inform the design of the building envelope, to ensure comfortable living conditions within dwellings.