

Dodworth Road / Broadway / Pogmoor Road Planning Condition 26

Task 1: Property list

Barnsley Metropolitan Borough Council

Project reference: Pogmoor Junction Planning Condition 26
Project number: 60644504

03 March 2021

Quality information

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Revision History

Revision	Revision date	Details	Authorized	Name	Position
1.0	28/10/2020	Draft for client comment			
1.1	11/11/2020	Revised following client review			
1.2	03/03/2021	Revised text in Section 1 to make consistent with Task 2 and 3 reports			

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1. Introduction

- 1.1 AECOM has been commissioned by Barnsley Metropolitan Borough Council (BMBC) to develop a noise insulation scheme as required by the following condition associated with the planning approval for the A628 Dodworth Road improvements, subsequently referred throughout this document as the 'Pogmoor Junction Improvements':
- 26: Prior to the development commencing within the confines of the existing highway, a scheme taking account of the Noise Insulation Regulations 1975 (as amended) designed to mitigate adverse noise levels experienced by nearby residents shall be submitted to and approved in writing with the Local Planning Authority and the approved scheme shall be complied with in conjunction with the implementation of the development.
- Reason: In the interests of the amenities of local residents and in accordance with Core Strategy Policy CSP 40 and Local Plan policies SD1, GD1 and Poll 1.
- 1.2 This condition relates to those properties identified from the modelling of mitigation Option C, as set out in 'Pogmoor Crossroads: Noise and Vibration assessment. Technical Note - Comparison of alternative noise mitigation options (9 November 2018)'. These properties were identified as likely to experience significant adverse effects due to the scheme, as a result of meeting the SOAEL +1dB(A) criteria.
- 1.3 The scope of work involved in developing the noise insulation scheme involves three discrete tasks:
- Task 1: Provide the council with the address of each property identified as meeting the SOAEL +1dB(A) criteria from the modelling of mitigation Option C in 'Pogmoor Crossroads: Noise and Vibration assessment. Technical Note - Comparison of alternative noise mitigation options (9 November 2018)'.
- Task 2: Draft a noise insulation scheme on behalf of the council, setting out the procedures to be applied in terms of contacting affected residents, identifying eligible rooms, scoping the required noise insulation measures and arranging installation. Provide an indicative cost of implementing the scheme to assist BMBC in budget planning.
- Task 3: Provide a draft noise insulation specification to assist BMBC in the procurement of a specialist contractor to implement the scheme.
- 1.4 This report sets out the findings of Task 1.

2. Data review

- 2.1 In 2018, AECOM were commissioned to undertake a noise and vibration assessment to support the planning application for the Pogmoor Junction Improvements. The initial assessment identified a number of likely significant adverse effects at residential properties within 600m of the scheme. As a result, three mitigation options were identified and their impact on avoiding and/or mitigating these significant adverse effects were assessed and reported in 'Pogmoor Crossroads: Noise and Vibration assessment. Technical Note - Comparison of alternative noise mitigation options (9 November 2018)'. AECOM understands that the mitigation set out in Option C has been taken forward in the final improvements. The locations of both the Pogmoor Junction improvements and noise mitigation considered in Option C is set out on Figure 1
- 2.2 For this option, 54 properties were identified as experiencing both levels above the daytime SOAEL criteria of 68dB(A) L_{10,18hr} without the scheme and an increase of at least 1dB(A) increase due to the scheme in the opening year.
- 2.3 For this task, the results from the assessment of Option C have been revisited to identify both the address and the façade(s) for all residential properties identified as meeting the SOAEL +1dB(A) criteria under this

option. The address data have been sought from a number of sources including OS AddressBase Plus and online mapping tools, such as Google Maps.

3. Residential properties to be considered under Planning Condition 26

- 3.1 Table 1 sets out the residential properties at which the SOAEL +1dB(A) criteria were identified as being met under Option C. The table also identifies the façade(s) on which there is a point which meets the SOAEL +1dB(A) criteria and is to be considered further under the noise insulation scheme. These properties and facades are also shown on Figure 1.

Table 1. Residential properties to be considered under Planning Condition 26

Property Address	Façade meeting SOAEL +1dB(A) criteria
1 Rosedale Gardens	South and East
142 Dodworth Road	West
144 Dodworth Road	West
148 Dodworth Road	North
152 Dodworth Road	North
156 Dodworth Road	North
158 Dodworth Road	North
160 Dodworth Road	North
162 Dodworth Road	North and West
164 Dodworth Road	North and East
166 Dodworth Road	North
168 Dodworth Road	North
170 Dodworth Road	North
172 Dodworth Road	North
174 Dodworth Road	North
175 Dodworth Road	South
176 Dodworth Road	North
177 Dodworth Road	West
178 Dodworth Road	North
179 Dodworth Road	South and West
180 Dodworth Road	North
181 Dodworth Road	South
182 Dodworth Road	North
184 Dodworth Road	North
186 Dodworth Road	North and West
188 Dodworth Road	North West and North East
190 Dodworth Road	North West
192 Dodworth Road	North West
194 Dodworth Road	North West
196 Dodworth Road	North West

Property Address	Façade meeting SOAEL +1dB(A) criteria
198 Dodworth Road	North West
2 Broadway	North West
2 Rosedale Gardens	South and West
200 Dodworth Road	North West
202 Dodworth Road	North West
204 Dodworth Road	North West
204a Dodworth Road	North West
206 Dodworth Road	North West, North East and South West
219 Dodworth Road	South
221 Dodworth Road	South
223 Dodworth Road	South
225 Dodworth Road	South
229 Dodworth Road	South
231 Dodworth Road	South
233 Dodworth Road	South
235 Dodworth Road	South and East
237 Dodworth Road	South and East
241 Dodworth Road	South
243 Dodworth Road	South
245 Dodworth Road	South
247 Dodworth Road	South
31 Grosvenor Drive	North
33 Grosvenor Drive	North
Garden Court	North East

4. Summary

- 4.1 AECOM have been commissioned by BMBC to develop a noise insulation scheme as required by the Planning Condition 26 associated with the planning approval for the A628 Dodworth Road improvements,
- 4.2 This condition relates to those properties identified as likely to experience significant adverse effects due to the scheme, as a result of meeting the SOAEL +1dB(A) criteria from the modelling of mitigation Option C, as set out in 'Pogmoor Crossroads: Noise and Vibration assessment. Technical Note - Comparison of alternative noise mitigation options (9 November 2018)'.
- 4.3 54 properties from the previous assessment of Option C have been revisited and both the address and the façade(s) of these properties meeting the SOAEL +1dB(A) criteria have been identified.

Appendix A

Figure 1

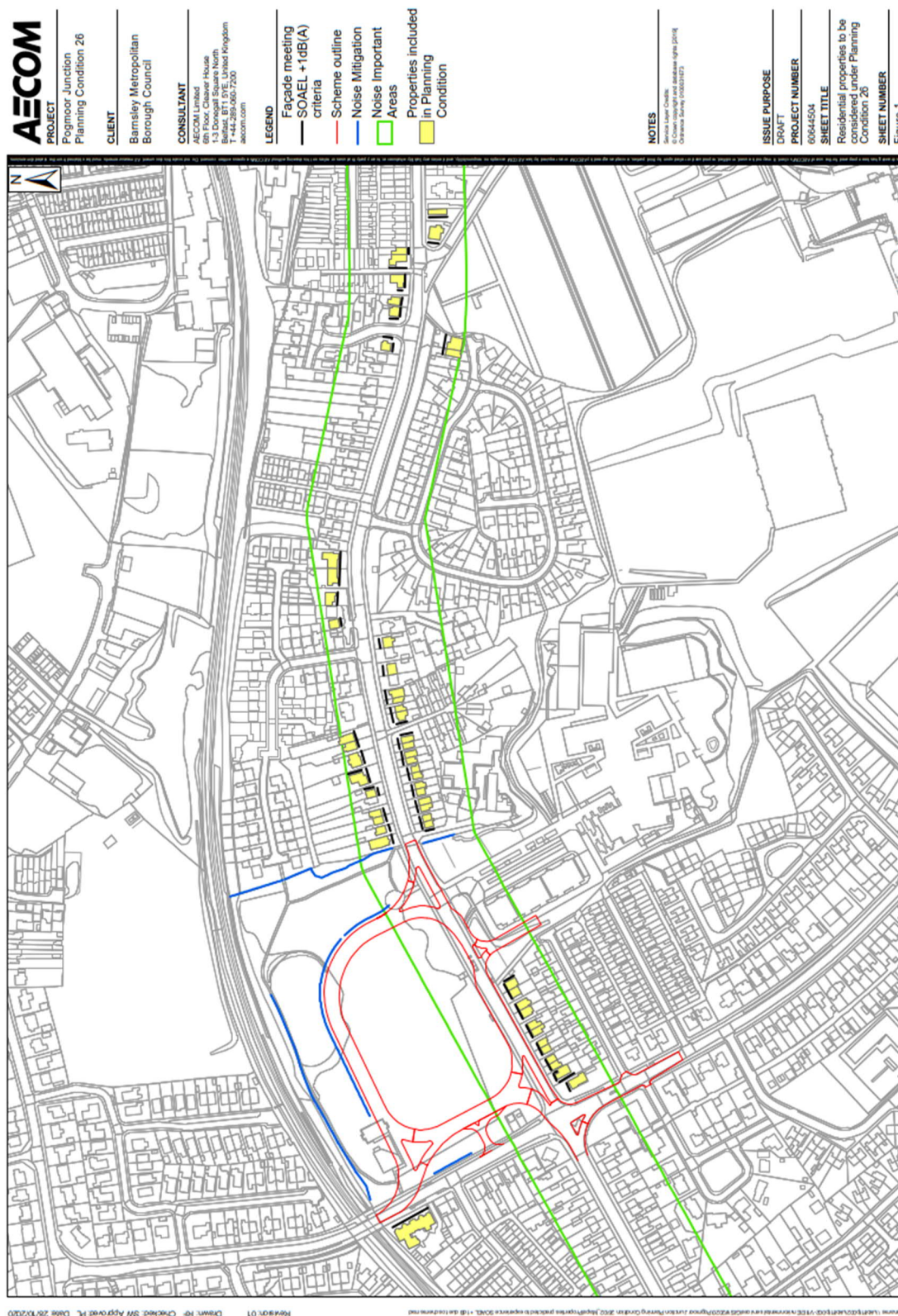


Figure 1: Residential properties to be considered under Planning Condition 26

