

NOISE IMPACT ASSESSMENT

**NEW AFTER SCHOOL CLUB
THE ARK NURSERY LITTLEBOROUGH
JUNE 2022**



1.0 INTRODUCTION

- 1.1 This assessment supports a full planning application to convert an existing double height garage in to a new after school club at The Ark Nursery on Featherstall Road in Littleborough

2.0 SITE CONTEXT

- 2.1 The existing nursery supports 155 children within the existing two storey building
- 2.2 The proposed after school club will involve converting and extending an existing double height garage within the existing playground.
- 2.3 The building operates from 7am – 6.30pm on Mondays to Friday only with no activity beyond these times.
- 2.4 The nursery is located on Featherstall Road. It is set back about 20m from the road and elevated
- 2.5 Featherstall Road comprises both residential and commercial properties with residential properties comprising almost exclusively of two storey terraced housing though some have dormer extensions
- 2.6 To the north of the building is a large NHS building known as Littleborough Health Centre with a large car park. There are no residences associated with the health centre.



3.0

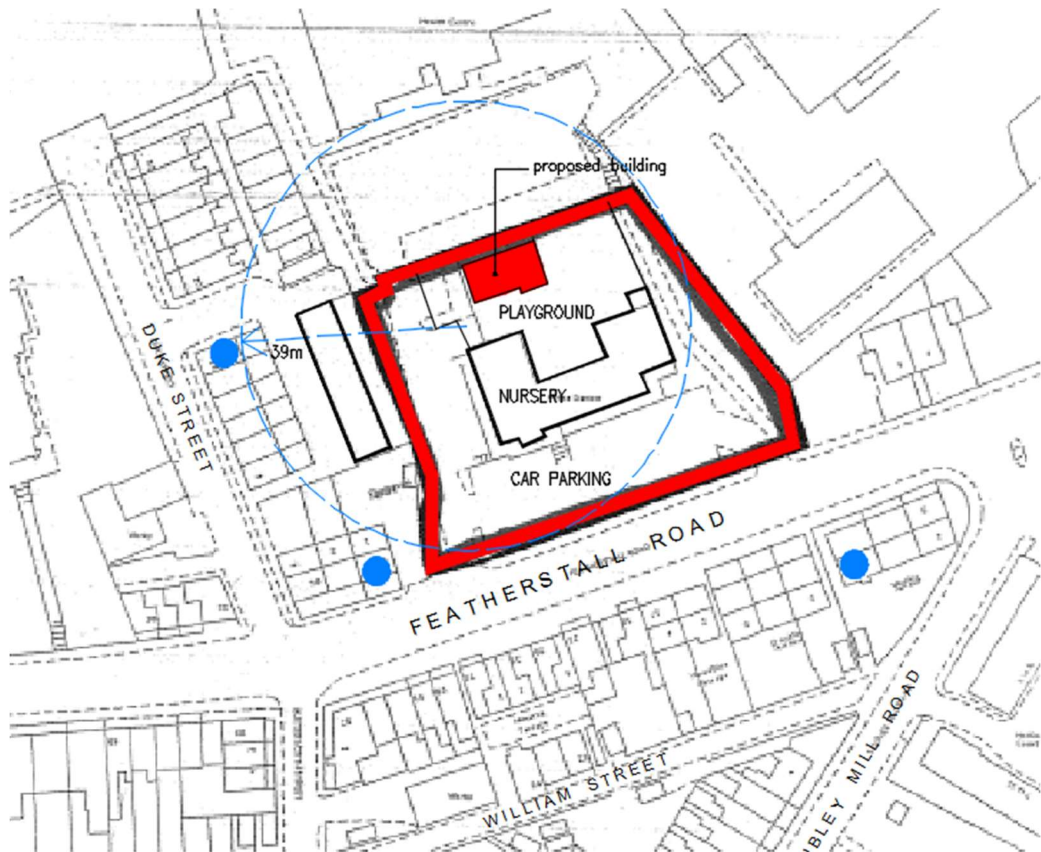
SUBJECTIVE NOISE CLIMATE

- 3.1 The main source of noise nuisance within the existing nursery is associated with external play and children using the playground
- 3.2 Site deliveries are sparse and are generally small vehicles that do not contribute significantly to the existing noise on the busy main road
- 3.3 An existing kitchen flue is located at the rear of the building and away from the nearest residential properties.
- 3.4 The new building will be used for delivering much needed before and after school care for children and will comprise of nursery spaces, ancillary toilets and an office.
- 3.5 There are no cooking facilities requiring extract flues and only a simple domestic size wall-mounted extract fan is proposed to the two single toilets
- 3.6 There will be no additional servicing such as deliveries and waste collections that are likely to generate extra vehicles and traffic noise.
- 3.7 The planning application includes a request to increase the total number of children at any one time from the current 155 to 178.
- 3.8 Whilst this could result in an additional 23 children being in the playground at any one time this is not considered to have any major impact on the overall noise output from the site that would warrant a full noise impact assessment under BS4142

4.0

NEAREST NOISE SENSITIVE RECEPTORS

- 4.1 The proposed new building will only generate marginal noise increases at the rear of the building where the existing playgrounds are located. The playground is surrounded by high solid walls and fencing that will assist in shielding noise from adjacent properties
- 4.2 The playground is located some 39m from the nearest residential receptor on Duke Street. The residential property is shielded by a commercial property sited to the rear of Duke Street
- 4.3 Residential properties fronting Featherstall Road are largely shielded by the bulk of the two-storey building and we would not expect residents to experience any noticeable difference as a result of the proposed After School Club



Site location plan showing location of nearest residential properties



The nearest residential properties on Duke Street with existing double height garage highlighted in background.

5.0

CONCLUSION

5.1

Given the proposed operation times of the nursery from 7am to 18.30pm and the fact that the playground is currently used by up to 155 children the building is considered to noise impact is considered to have a Low Impact and will have no detrimental affect on night time noise levels