The Olive School Manchester Noise Management Plan

Olive Manchester Planning Condition 26

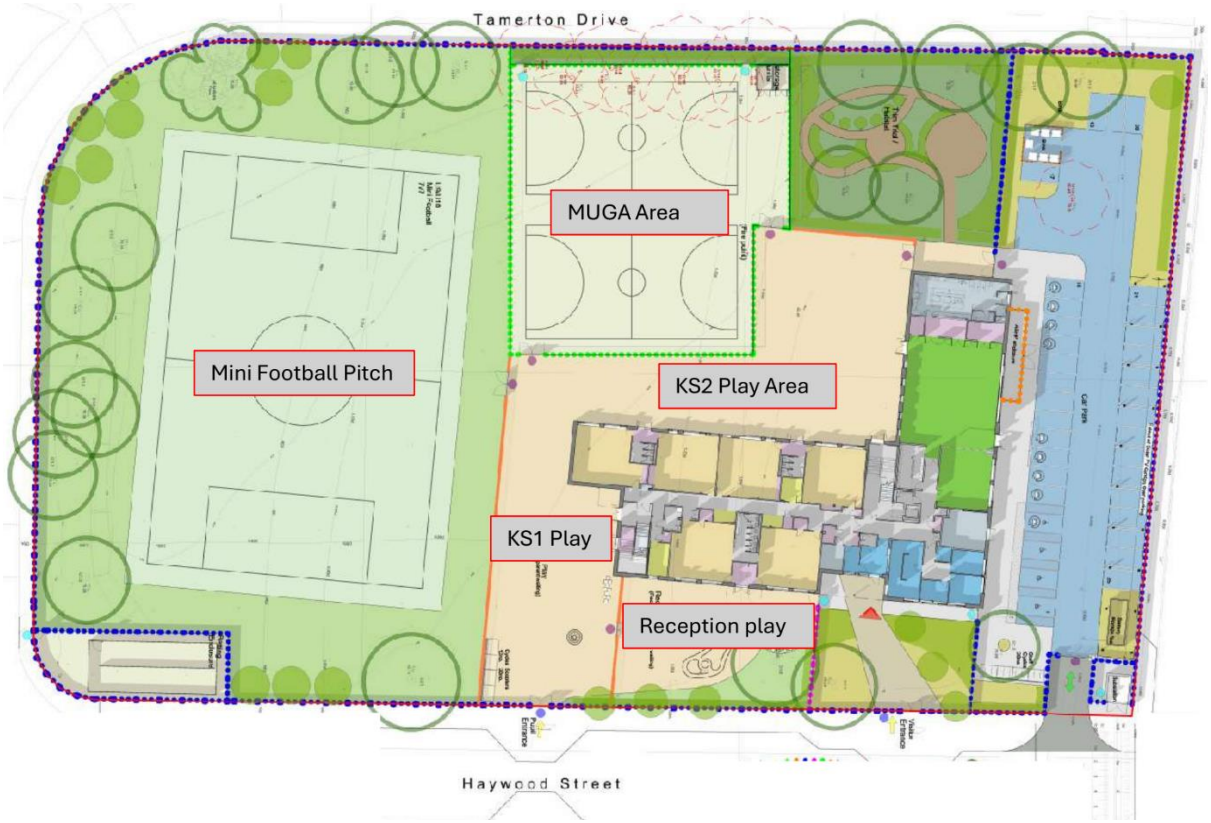
26) Prior to commencement of any sporting activities a Noise Management Plan (NMP) shall be submitted to and approved in writing by the City Council as local planning authority. The NMP shall include an assessment of noise from all activities associated with the use and shall not give rise to any significant adverse impacts on the occupants of nearby residential properties

Context

The School site is bounded to the north by Bellot Street Park. Bordering the site to the south and west of the site is Tamerton Drive with Hillcity Day Nursey and residential properties on the other side of the road. The New Testament Church of God Faith Tabernacle is located to the south of the site. To the east, the site is bound by Heywood Street and residential properties on the opposite side of the road.

The images below show the two main areas of residential houses to both Heywood Street and Tamerton Drive.





Prior Noise Impact Assessment

As part of the application dated 23 January 2023 Application number: 135936/FO/2023, a noise impact assessment was prepared by Hepworth Acoustics Ltd. Section 5 of the report provided the following details.

The position of two proposed playgrounds KS1 is located to the south-eastern corner of the site. The KS2 playground is located on the western elevation of the building and a mini football pitch to the south. Whilst there is no government recommended objective method of assessing noise levels from external playground areas. The approach adopted assesses predicted noise levels outside the nearest residences to determine any influence from the proposed playground areas and to assess the impact of any change in existing noise levels.

The predicted noise levels from the proposed playground areas outside the nearest existing residences were noted in Table 6 of the report extracted below.

Table 6: Predicted Worst-Case Noise Levels from Proposed KS1 Playground Area (dB)

Parameter	**Predicted noise level, dB L_{Aeq}**
1FE KS2 Playground @ 10m	59
Distance attenuation of 41 metres from a central playground location to nearest window on Heywood Road	-12
Noise level at receiver	**47**

The calculated worst-case noise from children in the KS1 playground was predicted at 47 dB LAeq. This was below the same reports actual survey for the existing measured prevailing noise levels which was 54 dB LAeq.

Proposed Management of Noise

Below is a summary of the likely noisy sporting activities and how the school will manage the noise levels to be within acceptable levels.

Sources of Noise	Mitigation actions
Reception Play	• Reception play will be available for use throughout the school day. • Dense planting has been designed to the adjacent fence line. • Staff will be in constant supervision and will manage pupils who become over exited or distressed.
KS1 play activities	• KS1 play will be used before the start of the day 7:30am-8:00am and during playtimes of 10:00am-10:30am; 11:30am-12:45pm. • Staff will be in constant supervision and will manage pupils who become over-excited or distressed.
KS2 playground	• KS2 play will be used before the start of the day 7:30am-8:00am and during playtimes of 10:15am-10:30am; 12:00pm-12:45pm. • The school building screens the residential properties to Heywood Street and Tamerton Drive properties are at some distance, so be the analysis within the Hepworth report should not be affected. • Staff will be in constant supervision and will manage pupils who become over-excited or distressed.

The other areas of the site including the MUGA play area and the Grass Sport Pitch shall both be timetabled for outdoor PE. Games and noise will be closely supervised. Both these areas are also subject to possible community use which is already in place with the Local Authority. If any by exception event, like sports day or any community use, is likely to cause noise higher than is normal and could risk being higher than the ambient existing levels be, the School will let the residential properties close to the boundaries of Tamerton Drive and Heywood Street know in advance.

Staff will manage noise on this basis and daily. However, if testing of sporting activities gives rise to noise that is in excess of acceptable levels and or has had a significant number of complaints, this will be investigated and follow up action taken as required.