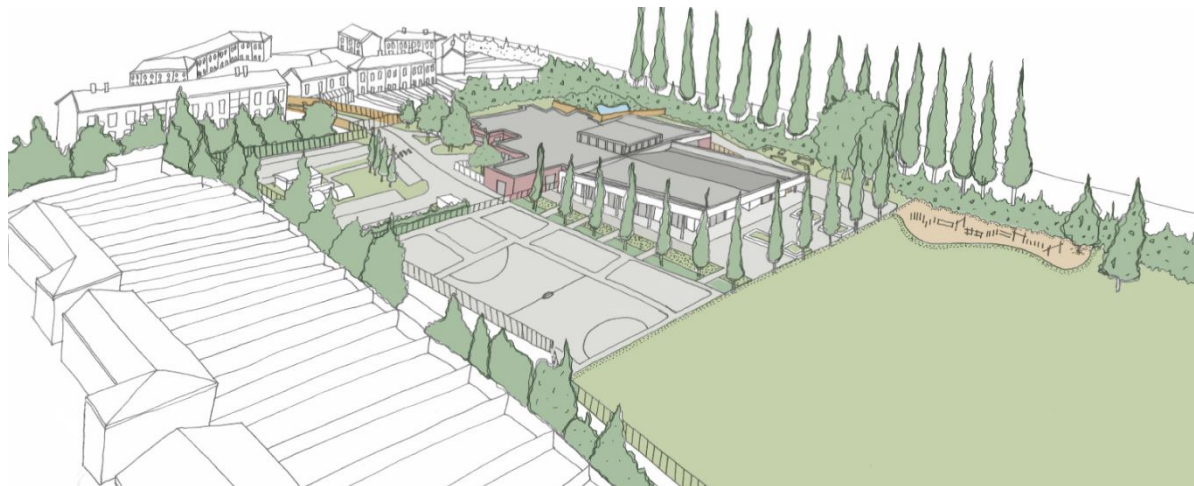


Acoustic Report - Emsworth Primary School, Emsworth

This Acoustic Report sets out the Acoustic requirements for the proposed extension and captures the school's internal and external acoustic requirements.



Emsworth Primary School, Site Address: Victoria Road, Emsworth, Hampshire, PO10 7LX

1.0 Introduction and Site Description

- 1.1 New teaching accommodation is proposed at Emsworth Primary School, located off Victoria Road in Emsworth, Hampshire.
- 1.2 The proposed scheme is for a 0.5FE expansion to an existing 1.5FE, to form a 2FE School, to the East of the existing building. The proposals comprise of two classrooms, an extended shared teaching space and internal refurbishment to the existing building. Please refer to Appendix A – drawings.
- 1.3 The existing school comprises a single storey Scola main building with recently extended white rendered extension. External areas include a playground, car parking, habitat area and playing field. An existing Railway line is located to the northern boundary, at approximately 50m from the existing building. The A27 is located north of the site, at approximately 200m from the existing building. Please refer to Appendix A – Drawings.
- 1.2 HCC Property Services have consulted with 24 Acoustics in October 2012 as part of the previous expansion to assess the internal and external noise levels affecting the proposed scheme and to provide advice on the implications with regards to the requirements of 'Acoustic Design of Schools' (Building Bulletin 93).

2.0 Noise Measurements

- 2.1 In consultation with 24 Acoustics in October 2012, it was confirmed that an external noise survey would not be necessary as the proposed extension was further away from the railway line than the existing main building teaching spaces.
- 2.2 In addition, the School Head Teacher confirmed the site as existing is suitable for classroom and group room teaching environments and that the proposed extension would be acceptable.

5.0 Summary: Proposed Results and Assessment

- 5.1 To summarise, the proposed extension is located to the East of the previous expansion and is further away from the railway line than the existing building. Therefore, as recommended by 24 Acoustics in 2012 if the expansion is further away from the railway line than the teaching environments as existing, the proposed expansion will not provide a detriment or any greater acoustic issue than the existing condition, thus accepted suitable for teaching environments.
- 5.2 In addition, the School Head Teacher has confirmed the new proposals as acceptable 18 July 2016 ; *'I am happy with the existing noise levels within the classrooms and the previous acoustic approach will be acceptable again'*.
- 5.2 The proposed scheme will replicate the existing condition for openable windows and ventilation strategy, based on the recommendations from 24 Acoustics in 2012 and to match the recently completed extension.