

# Wedding and Events Venue

The Airshed was appointed to conduct an environmental noise impact assessment for a wedding and events venue to be located in a new barn structure. The new facility was to be used for a mixture of food retail on the ground floor and as a function venue (weddings/parties etc.) on the first floor. The main potential impact would be from amplified music in the evening and at night.

The proposed development was within 150m of adjacent residential properties. Noise from the development was to include fixed plant, deliveries to site, site traffic and amplified music. The assessment considered the impacts from fixed plant and breakout through the building fabric with the aim of helping to inform the design requirements for the proposed building to prevent loss of amenity. Impacts were assessed in accordance with Scottish Government Planning and Noise Advice and World Health Organisation Guidance.

A baseline sound survey was conducted over seven days to assess existing ambient and background sound levels at the nearest houses. Noise levels from the new function suite were predicted using SoundPlan 7.4. The results from the initial Scenario found that noise breakout through the walls and roof would be unacceptably high. A further Scenario considered a revised design for the building fabric to upgrade the weaker building elements. The local authority Environmental Health Department accepted the findings of the study.

