

Noise/residential activity

- The concern to neighbours would clearly be the noise created by dogs barking and in order to assess this, reference has been taken from [How Loud Is a Dog's Bark in Decibels \(dB\)? Facts & FAQ | Pet Keen](#). In this article it references a typical dog bark at 80 decibels (with some very loud dogs reaching 100 decibels). It also gives a comparison of a dog bark against other noises.
- It is widely known that a noise will diminish in volume the further away it is as well as diminishing if obstacles are between the source and recipient.
- In the case of The Old School House the closest residential property is that of 12 Main Street, Catwick which is directly opposite and across the A1035 main road to Hornsea. 12 Main Street is some 23 metres from the main entrance door to The Old School House.
- To the left and rear as you look at the Property of the Old School House there are open fields and to the right is the commercial vehicle and caravan storage yard.
- To assess the noise that would be heard at 12 Main street Catwick from a dog barking at The Old School House a sound propagation and acoustic barrier calculator has been used : [Sound Propagation and Acoustic Barrier Calculator - NoiseTools.net](#) The barrier referenced in this calculation is that of The Old school House because the main entrance and area of occupation is to the rear of the property (the front sits immediately onto the A1035)

If an 80 Decibel dog bark is emitted from the main entrance of the Old School House the sound level received at 12 Main Street is 36 Decibels

If a 100 Decibel dog bark is emitted from the main entrance of the Old School House the sound level received at 12 Main Street is 56 Decibels

If the effect of the barrier is ignored the readings are

An 80 Decibel dog bark emitted from the main entrance of the Old School House is received at 12 Main Street at 44 Decibels

A 100 Decibel dog bark emitted from the main entrance of the Old School House is received at 12 Main Street at 64 Decibels

- To give these readings some context it is appropriate to bring in the effect of the only 'A' road link to Hornsea (the A1035). The A1035 separates The Old School House and its nearest residential neighbour that of 12 Main Street Catwick.
- The A1035 sees a significant amount of vehicle traffic in the form of cars, vans, buses, commercial lorries, caravans and tractors.
- During 1 hour measured between 3 and 4 pm on average midweek day Tuesday 21st November 2023 some 235 vehicles travelled along the A0135 (this included vehicles travelling in both directions). These volumes of traffic are significantly higher on weekends, especially in the summer
- During the hours of 7.58am and 8.45am on Tuesday 21st November a sound/decibel assessment was undertaken. The full printout of recording is attached and the highlights summarised as follows
 - Loudest recording at road side was 87 decibels
 - Quietest recording at roadside was 45 decibels
 - During the earlier times of the monitoring period when traffic numbers were slightly higher the road speed of vehicles was slightly lower and as such the noise slightly lower at its peak.
 - During the latter times of monitoring period when traffic numbers were slightly lower and the road speed slightly higher the peak noise was higher
 - A car typically recorded in the range 75 to 80 decibels
 - Vans 77 to 82
 - Lorries and buses 80 to 87
 - The loudest recording that of a bus
 - The A1035 frequently sees buses taking school children to and from Hornsea school as well as the general public on ERYC bus routes 24 & 25

- In summary the residential neighbours to The Old School House will hear greater noises levels from the normal A1035 traffic than that of a dog barking at the old school House and as such do not feel this to be a concern for the council in granting the change of use request.