

**From: Mr. Soor
19-21 Station Road
Huddersfield
HD7 5AW**

**F.A.O
Martin Wood
Environmental Health
Huddersfield
HD1 6LG**

Date: 10.10.2016

Re: Ventilation scheme for 3 apartments at Market Place Huddersfield HD7 5AP

Dear Martin Wood,

Following your comments and in accordance with the guidance detailed in the report dated 2nd February 2015 by Spire Environmental I have commissioned Simon Air Management Systems to devise a detailed ventilation scheme and include the specifications for your attention.

Mr Steven Bidmead, area manager, has advised that the wall vents they offer achieve 5000mm² equivalent air and give a 52db reduction. The acoustic trickle vent he recommends is the acoustic EHAS, which gives 3000mm² equivalent air and a db reduction of 40db.

Using attenuated wall vents:

Given apartment 1 needs 45000mm² of equivalent air, if each vent gives 5000mm² this equates to 9 vents.

Given apartment 2 needs 50000mm² of equivalent air, if each vent gives 5000mm² this equates to 10 vents.

Given apartment 3 needs 45000mm² of equivalent air, if each vent gives 5000mm² this equates to 9 vents.

The specifications of the vents are attached. Each vent and wall vent has been tested to give the relevant db reduction as detailed in the data sheets.

The kitchen and bathroom areas in each apartment will have the added benefit of mechanical extractor fan systems of 30litres air/per second and 15litres air/second respectively.

I hope this meets with your approval,

**Yours sincerely,
Mr. Soor**