

DESIGN CATERING

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Specialists in Catering equipment, Ventilation & Sheetmetal work.

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Ref: 12/071

Date: 18th Jan 2019

EXTRACTION SPECIFICATIONS

To whom it may concern

Having visited the above premises and assessing the works that need doing, I am proposing the following duct system to be fitted to the existing extraction canopy.

The extraction system consisted of:

The canopy consisted of baffle grease filters fitted in the filter bank which can be taken out at any time for cleaning purposes.

A woods fan will be fitted producing a noise level of 51dba. The following attachments will be fitted to the duct system reducing the noise level.

1 silencer, 2D podded silencer @1mtr long reducing noise level by 19DBA @ 3mtrs

1 silencer 1D @ 500 long reducing noise level by 10DBA @ 3mtrs

Acoustic jacket around the fan reducing noise level by 9DBA @ 3mtrs

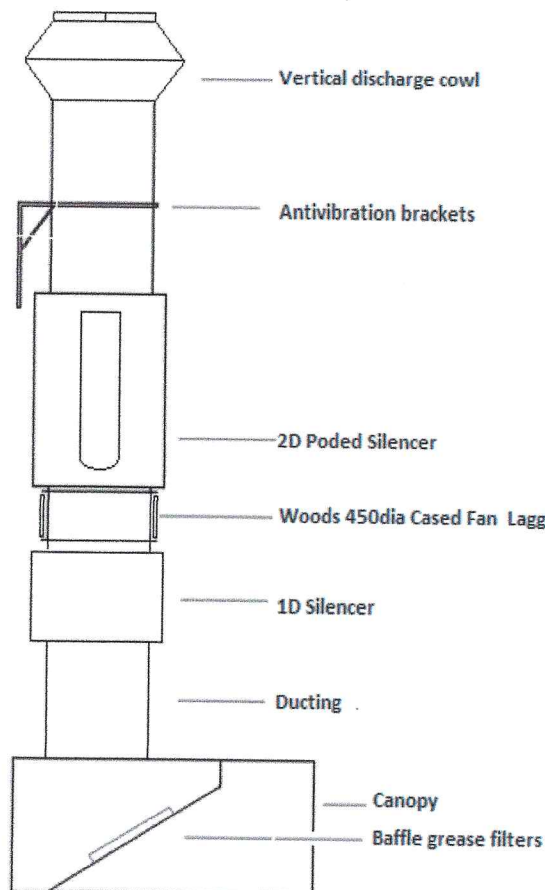
Anti vibration brackets to be used to hold ducting

A, duct split joint to be used in the ducting.

The fans will be fitted with a variable speed regulator which can be adjusted depending on the cooking conditions

Total noise reduction, 51DBA of fan - 18DBA - 9DBA - 7DBA = 17DBA @ 3mtrs

The duct system will run at the side of the building and terminate with a jet flow 1 mtr above the sloping gable of the building.



For further information please do not hesitate to contact me.

G. Findly