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## Reference: Link House, HP4 1EH

Please find as attached drawings to show the proposed kitchen ventilation scheme for the property Link House, Northbridge Road.

Included are drawings Q60060 and WHP01, to accompany these drawings are files with full information on associated accessories. These to include details on extract fan to be installed, DEFRA approval of oven plus gas safety system.

The system proposed for installation would comprise of aspects as detailed below.

### Pizza oven.

The pizza oven would be of traditional style but modern manufacturing processes being followed, due to this the oven burns so cleanly that it has been awarded DEFRA certification. The oven will be used as a gas appliance but will have a ventilation designed to allow for a dual fuel operation if required.

### Gas safety system.

The ventilation system would be complete with a gas safety system as per current legislation. This would operate using current sensing so as not to allow gas to appliance until ventilation fan is operational.

### Flue and mechanical plant

The flue will be of twin skinned stainless steel construction, this is to minimise risk of transfer of heat from flue to fabric of building.

The external flue will be mounted on anti-vibration type mountings as not to transfer to fabric of building.

The extract fan will be mounted at the end of the flue run and will be a vertical discharge type. This will allow the system to exhaust as not to affect neighbouring properties.

### System sound level

Sound level readings were taken using a hand held meter over a half hour period during normal working hours at the edge of the property.

Levels were seen to fluctuate between 55.6dBA and 92.3dBA, higher readings generally being caused by constant traffic flow to front of property, with the average being 62.87dBA. With the fan having a sound level at 33dBA at 10 metres this would fall within the 10dBA difference normally given by planning.



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### Odour control.

The system would not comprise any odour control elements, this is based following an EMAQ calculation process.

This is due to the fact of low level odour being created and thus emitted, exhaust being at high level and with no residential neighbouring properties.