



VENTILATION REPORT

Client: NUVU Development Ltd

Site: Jacksons Brickworks Redevelopment

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Document Control Sheet

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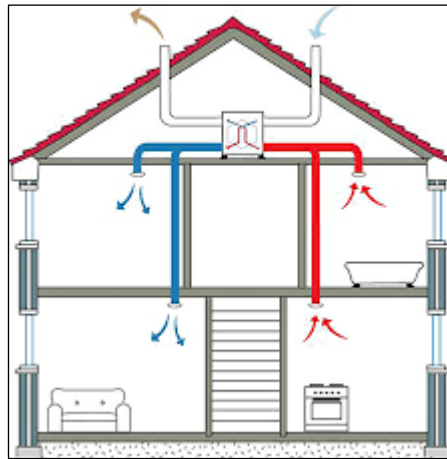
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PHASE 1: VENTILATION SYSTEMS

The ventilation within all dwellings and apartments will comprise of a multi vent to supply and extract fan complete with heat recovery and trickle and boost capability (MVHR). This will utilise flat pack ducting with side wall air bricks.

The colour of the air bricks will be co-ordinated with the Architect so that they are the same colour as the building fabric.

The kitchen canopies will comprise of re-circulation canopies and therefore do not require ducting to discharge externally.

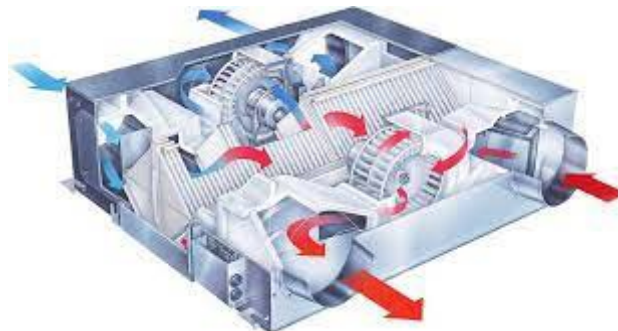


Heat Recovery Ventilation Unit

This system preheats supply air thus reducing energy demand. The system also has summer bypass dampers so reducing heat build-up within the dwelling during summer. The apartments and dwelling will also be complete with opening windows to comply with Approved Document Part F.

The landlords areas within the apartment building will be naturally ventilated as doors are opened and closed as people go to and from their apartments.

It is proposed for the Community Hub to be ventilated by heat recovery mechanical ventilation complete with summer bypass dampers. The location of penetrations and colour of louvres will be determined with the Architect to ensure they are the same colour as the building fabric.



This system supplies and extracts air from the building. The system preheats supply air thus reducing energy demand. The system also has summer bypass dampers so reducing heat build-up within the Community Hub during summer months.

The ventilation system will comply with Approved Document Part F.

PHASE 2: VENTILATION SYSTEMS

The Phase 2 Ventilation Systems shall be as above in regard to dwellings.

The school falls under the Phase 2 works. It is proposed for the school to be reviewed at a later date, however, the school buildings ventilation strategy will comply with the Department for Education Document, Building Bulletin 101. This document relates to air quality and associated ventilation requirements.