

note

kampus listed buildings

20 04 2021

condition 25 • extraction of fumes, vapours and odours

Final details of the method of extraction of any fumes, vapours and odours from (a) the apartments ; and (b) the ground floor units shall be submitted to and approved in writing by the City Council as local planning authority prior to occupation of each use / ground floor A3 / A4 unit The details of the approved scheme shall be implemented prior to occupancy and shall remain in situ whilst the use or development is in operation.

Reason: To safeguard the amenities of the occupiers of nearby residential accommodation, pursuant to policies SP1 and DM1 of the Core Strategy

design team summary

Each apartment in the Listed Buildings is to have whole house mechanical ventilation and heat recovery (MVHR) system which shall extract moist, stale air from all bathrooms, en-suites, kitchens and utility cupboards. Windows are to be openable for purge ventilation only as required.

Typically, exhaust terminations (as well as intake) terminate to the facade of each apartment except at level 03 where ductwork routes up and out to atmosphere via an in-line vent tile. There are two different facade terminations within the scheme. The most common terminations are to an existing brickwork facade and are achieved through the use of cast iron double air bricks in a heritage pattern. Terminations to the profiled aluminium cladding (Minshull House rear elevation only) are achieved through routed slots in the cladding to provide the combined free area required (a minimum of 0.011 m²) as advised by MEP subcontractor for exhausts. Some typical MEP layout plans have been provided to outline the routing of the system (noted in the document list below).

All kitchens have been fitted with recirculating cooker hoods to avoid requirement for additional terminations through the external facade. There are dedicated MHVR extract grille positioned locally to the kitchens to assist with any additional vapour/odour.

See the following documentation for consideration of the above condition:

- Condition 25 Cover Note (shedkm)
- KAM-SKM-AH-ZZ-DR-A-(21)612-minshull • lightweight wall - typ. details 03 (shedkm)
- KAM-SKM-MH-R1-DR-A-(27)552-minshull house • proposed roof details 03 (shedkm)
- KAM-SKM-MT-RF-DR-A-(27)503-minto+turner • proposed roof details 04 (shedkm)
- SK 229 LB air brick intent detail (shedkm)
- SK 230 MH rear elevation mvhr termination (shedkm)
- 4009-BAF-MH-02-DR-M-50-033_C01 (BAF)
- 4009-BAF-MH-ZZ-DR-M-50-008_C05 (BAF)
- 4009-BAF-MT-ZZ-DR-M-50-048_C03 (BAF)

Please note that information for the MVHR facade terminations has already been reviewed and approved under Condition 33h (LB Condition 6h) relating to final MEP details. They have been provided here for completeness.