

# Case Study | 18-22 Haverstock Hill

## Natural smoke ventilation staircase and corridor systems within multi-purpose new build



### Project

18-22 Haverstock Hill is a new five storey building in Camden with ground floor retail space and four upper floors providing 29 apartments.

### Systems

D+H UK provided a natural smoke ventilation system within the new building.

The communal staircase is ventilated at roof level via an NSHEV dome vent. This provides roof access when necessary, via a key-operated switch.

The corridor is ventilated via an internal smoke shaft, with inlet doors on each level (basement through to fifth floor). An NSHEV roof louvre sits at the head of the shaft.

Our CPS-M multizone-zone smoke ventilation control panel operates the system. RT 45 call point units are located on each floor.

In the event of a fire, the inlet door on the fire floor will open, along with the NSHEVs at the head of the shaft and staircase. All remaining shaft inlets will be locked in the closed position. This will draw the smoke up and out of the building, providing clear escape routes for residents and access for firefighters.

### Location:

Camden, London

### Products:

- CPS-M Control Panel
- RT 45 Call Point Units
- NSHEV Dome Vent
- NSHEV Roof Louvre



Photo Credit: Buildington

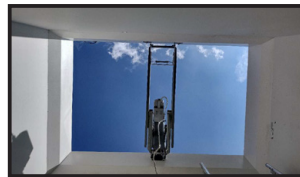


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