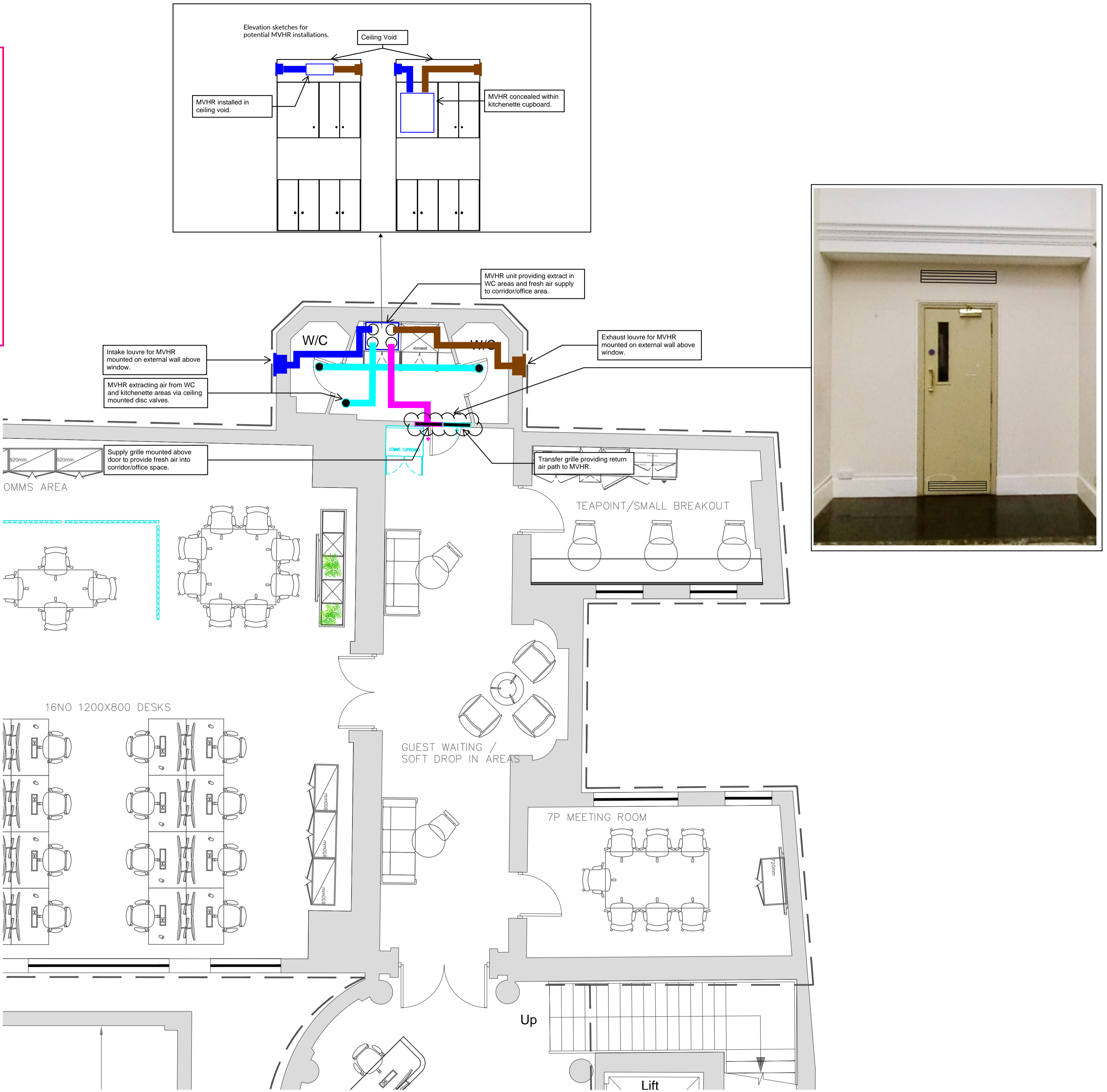


# GROUND FLOOR

For the ground floor and first floor corridor areas to be used as occupied areas, a form of ventilation will be required to provide sufficient fresh air to the occupants within the area. Due to the age and condition of the windows in these corridors, it is assumed that using the corridor windows for natural ventilation or trickle ventilation systems has been ruled out. It is therefore suggested that mechanical ventilation is utilised for these two areas.

**Mechanical Ventilation Proposal**  
 It is proposed that the existing extract fans for the WCs on these two floors be removed and Mechanical ventilation via MVHR units be utilised to ventilate the WC and corridor areas. The strategy for this would be to supply fresh air to the desk areas in the corridor/halls while using the MVHR to extract foul air from the toilet and kitchenette areas. This would provide a degree of heat recovery and slight tempering to the fresh air being provided into the corridor areas. Two louvres per floor (one for exhaust and one for intake on ground and first floor respectively) would need to be installed on the external walls of the toilets as indicated. A supply grille as well as a return air/transfer grille would be needed in order to introduce air paths into the corridor/hall (refer to drawing for location of these grilles).

**Notes**  
 1) MVHR units could either be mounted within the ceiling void or concealed within a cupboard above the kitchen sink. A more thorough coordination exercise will need to be carried out for the feasibility of either option.  
 2) Grille types for the corridor area have not been specified, however grilles can be painted and chosen to in a way to blend in with the fabric as much as possible.



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## NOTES

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## STATUS

- Approval / Comment
- Building Control
- Contract
- Construction
- As-Built

## REVISION DETAIL

REV	DETAIL	BY	DATE
PLN	FOR PLANNING	JF	01.06.21

## CLIENT

HABRO

## PROJECT ADDRESS

HOLBORN TOWN HALL  
 193-197 HIGH HOLBORN



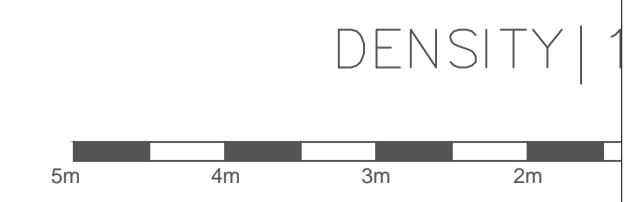
Sketch mark up.

HarperM

22/11/2021

SKT-0209798-7C-MH-20211122-Vent Strategy for GF&FF

Disclaimer: These sketches are purely illustrative and prepared during design phase to be discussed. They are not for construction and they are not replacing the full set of drawings.

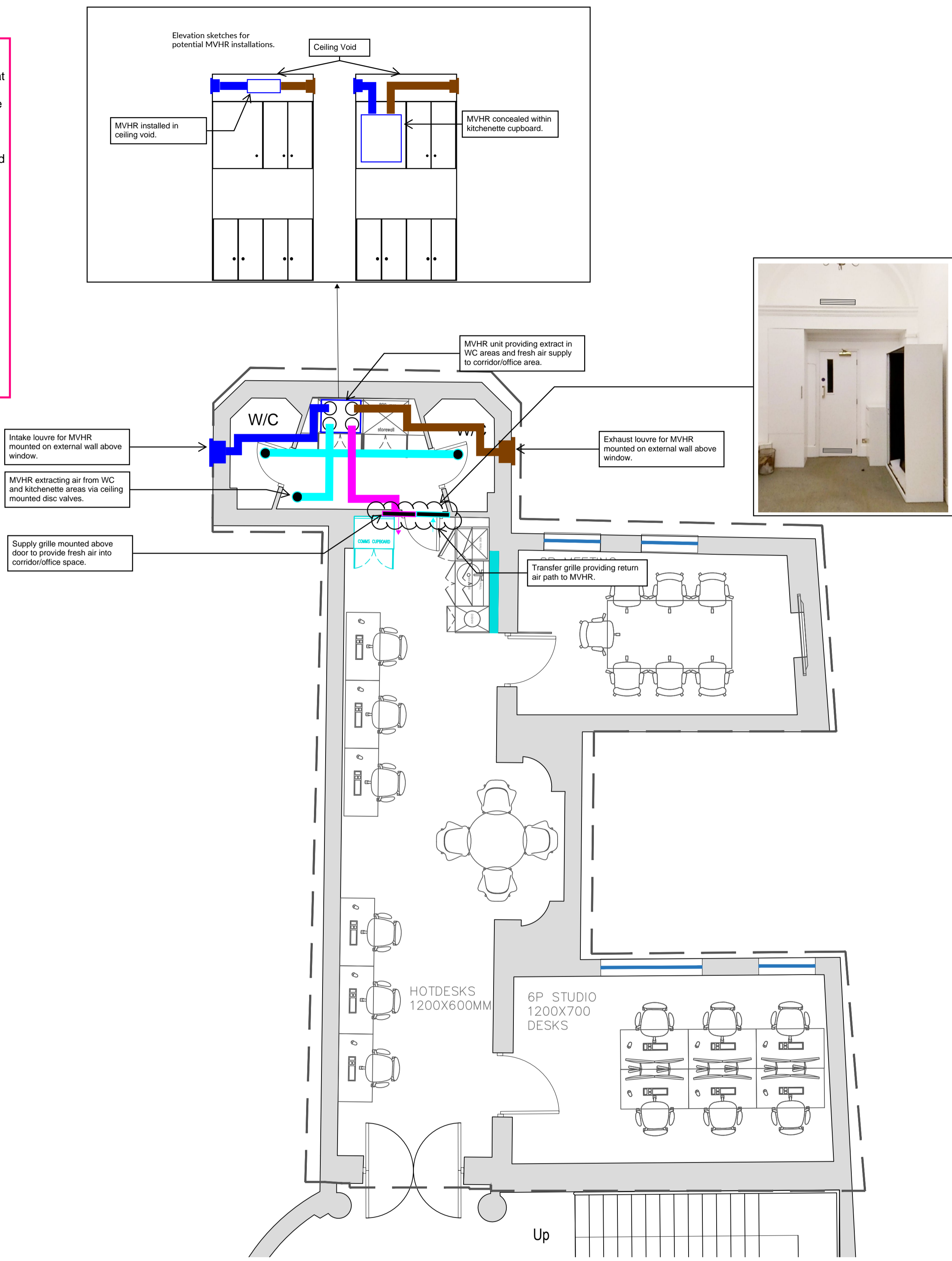


# FIRST FLOOR

For the ground floor and first floor corridor areas to be used as occupied areas, a form of ventilation will be required to provide sufficient fresh air to the occupants within the area. Due to the age and condition of the windows in these corridors, it is assumed that using the corridor windows for natural ventilation or trickle ventilation systems has been ruled out. It is therefore suggested that mechanical ventilation is utilised for these two areas.

**Mechanical Ventilation Proposal**  
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## STATUS

- Approval / Comment
- Building Control
- Contract
- Construction
- As-Built

## REVISION DETAIL

REV	DETAIL	BY	DATE
SK01	INITIAL CONCEPT	HM	16/12
SK02	COMMS LOCATION SHOWN	HM	18/12
SK03	DESKING CHANGES	HM	09/02
PLN	FOR PLANNING	JF	01.06.21

## CLIENT

HABRO

## PROJECT ADDRESS

HOLBORN TOWN HALL  
 193-197 HIGH



Sketch mark up.

HarperM

22/11/2021

SKT-0209798-7C-MH-20211122-Vent Strategy for GF&FF

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