



- Abbreviations**
- AHU AIR HANDLING UNIT
 - EF EXTRACT FAN
 - FCU FAN COIL UNIT
 - FD FIRE DAMPER
 - NCD MOTORISED CONTROL DAMPER
 - VCD VOLUME CONTROL DAMPER
 - SG SUPPLY GRILLE
 - EG EXTRACT GRILLE
 - TG TRANSFER GRILLE
 - OSG OUTDOOR SUPPLY GRILLE
 - OEG OUTDOOR EXTRACT GRILLE
 - CBM CHILLED BEAM
 - ATT ATTENUATOR
 - HSD MEASURING DEVICE
- Legend**
- H/L HIGH LEVEL
 - L/L LOW LEVEL
 - F/B FROM BELOW
 - T/B TO BELOW
 - T/A TO ABOVE
 - F/A FROM ABOVE
 - SU / SD SET UP / SET DOWN

- Notes**
- If in doubt, ask the Project Lead.
 - Do not scale this drawing.
 - All dimensions are in millimetres unless stated otherwise.
 - This drawing is to be read in conjunction with all other relevant drawings and specifications.
 - All Proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.
- Ventilation Notes**
- The ventilation ductwork installation shall comply with the Mechanical Specification and all relevant legislation.
 - All ductwork exceeding 1:4 ratio (depth:width) will require splitters
 - Location of access door in ductwork to comply with DW144 Table 20 (page 92) and TR19 Table 3 (page 13). As a minimum to be provided adjacent all fire dampers, volume control dampers and heater batteries, either side of bends and at maximum 12m intervals on ductwork runs.
 - All ductwork to be identified in accordance with BS 1710
 - All supply & return air ductwork running in risers, ceiling voids and plant spaces will be insulated with the exception of extract ductwork from which heat is not recovered and supply ductwork carrying tempered air in open spaces it is serving and associated return air ductwork will not be insulated.
 - All louvres will be provided with bird mesh. Access panels provided to be installed in connecting ductwork to allow cleaning.
 - Flexible connections to be provided on either side of each fan.
 - All supply diffusers and extract grilles are to be supplied with side entry plenums.
 - Final connections to diffusers/grilles are to be flexible and to be a maximum 1000mm in length
 - All ductwork to be manufactured, installed, tested and commissioned in compliance with BESA DW144, DW143, DW172 and CIBSE commissioning codes.
 - Refer to the appropriate electrical layout drawing for location of sensors and switches.
 - Please refer to Window schedule for louvre location unless otherwise stated.

Construction Design and Management Regulations 2015

The Contractors attention is drawn to the abnormal risks identified below, annotated on the drawing and explained in the associated design risk registers.

Legend

- You Must Not Do
- Hazard or Danger
- You Must Do
- Caution

Abnormal Risks Identified:

- Asbestos may be present.
- Existing live services may be present.

1 Ventilation - Level 00 - Sheet 2
1 : 50

FOR CONTINUATION REFER TO DRAWING
L054-WAL-57-01-00-D-M-5702

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Queensberry

Project: **The George Hotel Radisson RED Huddersfield**

Title: **Ventilation Services Layout Level 00 - Ground Floor Sheet 2 of 2**

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