

NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL, INTERIOR DESIGNER & STRUCTURAL DRAWINGS, MECHANICAL EQUIPMENT SCHEDULES, CONTRACT DOCUMENTATION AND SPECIFICATION ASSOCIATED WITH THE WORKS AND DETAILS OF EQUIPMENT POSITIONS, AND PROPOSED WORKS BY OTHERS.
- THIS DRAWING FORMS PART OF THE SPECIFICATION AND CONTRACT DOCUMENTS FOR THE WORKS.
- ANY DEVIATIONS FROM THIS DRAWING SHALL BE RECORDED AND RETURNED TO INFORM THE RECORD DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED. UNDER NO CIRCUMSTANCES SHOULD DIMENSIONS BE SCALED FROM THIS DRAWING.
- INSTALL IN LINE WITH MANUFACTURERS GUIDANCE FOR DUCT, FITTINGS, EQUIPMENT, AND PLANS.
- DUCTWORK MANUFACTURED AND INSTALLED IN ACCORDANCE WITH DW144.
- KITCHEN EXTRACT DUCTWORK MANUFACTURED AND INSTALLED IN ACCORDANCE WITH DW172.
- ALL KITCHEN EXTRACT DUCTWORK SUPPORTS ARE TO BE FIRE RATED UNLESS STATED OTHERWISE IN THE SPECIFICATION, THE LEVEL OF CLEANLINESS SHALL BE IN LINE WITH HVCA TR/19 TABLE F2 - INTERMEDIATE FOL LEVEL.
- UNLESS STATED OTHERWISE IN THE SPECIFICATION, THE DUCTWORK CONTRACTOR SHALL INSTALL ACCESS DOORS FITTED IN ACCORDANCE WITH HVCA TR/19 TABLES 3, 4 AND 5. ALL ACCESS DOORS TO BE INSULATED TYPE.
- VCDs ARE INSTALLED ON ALL MAIN, SUB MAIN AND TERMINAL BRANCHES UNLESS DRAWING INDICATES SELF-BALANCED HEADER.
- ALL METAL DUCTWORK PENETRATIONS THROUGH A FIRE COMPARTMENT OF ANY RATING SHALL HAVE FIRE DAMPERS WHICH ARE INDEPENDENTLY SUPPORTED TO THE BUILDING STRUCTURE AND COMPLETE WITH INSTALLATION FRAMES.
- ALL PLASTIC DUCTWORK PASSING THROUGH A FIRE COMPARTMENT OF ANY RATING SHALL HAVE AN INTUMESCENT BLOCK INSTALLED TO MEET THE SAME RATING WHICH SHALL BE INDEPENDENTLY SUPPORTED TO THE BUILDING STRUCTURE.
- ALL FIRE DAMPERS HAVE VISUAL INDICATION STATUS.
- ALL RECTANGULAR DUCTWORK, AND CIRCULAR OVER 250 DIA SHALL HAVE MULTI-LAYER OGD TYPE VCDs.
- SUPPLY GRILLE FLEXIBLE CONNECTIONS ARE FULLY INSULATED AND OF THE ACOUSTIC FLEX TYPE (500MM MAX).
- FREE ISSUE FILTER MEDIA IS INSTALLED BY THE DUCTWORK CONTRACTOR PRIOR TO PROJECT COMPLETION.
- THE DISHWASHER EXTRACT SYSTEM IS INSTALLED IN STAINLESS STEEL AS PER PROJECT SPECIFICATION.
- SLEEVES ARE INSTALLED THROUGH ALL WALLS.
- UNLESS STATED OTHERWISE IN THE SPECIFICATION, THE FOLLOWING MINIMUM SHALL APPLY TO DAMPER TESTING: 100% OF FIRE AND MOTORISED DAMPERS SHALL BE TESTED, WITH 50% OFFERED TO NSB AND 50% TO THE CLIENT (BUILDING CONTROL). FINAL SIGN OFF ALL DUCTWORK COMPONENTS SHALL BE INDEPENDENTLY SUPPORTED TO THE BUILDING STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- DOOR UNDERCUTS SHALL BE 10MM UNLESS NOTED OTHERWISE.
- ALL EXTRACT BELLOUS TO INCLUDE WIRE MESH ON INTAKE TOP PREVENT DEBRIS ENTERING THE SYSTEM.

- LEGEND:**
- VCD VOLUME CONTROL DAMPER
 - FD FIRE DAMPER
 - IC INTUMESCENT COLLAR
 - ATT ATTENUATOR
 - CTA CROSSTALK ATTENUATOR
 - VAV VARIABLE AIR VOLUME BOX
 - CAV CONSTANT AIR VOLUME BOX
 - FG FLOOR GRILLE
 - SE SUPPLY GRILLE
 - EG EXTRACT GRILLE
 - EL EXHAUST LOUVER
 - FCU FAN COIL UNIT
 - GSA GENERAL EXTRACT
 - GSA GENERAL SUPPLY
 - EXH EXHAUST AIR
 - FAI FRESH AIR INTAKE
 - FIA FUME EXTRACT
 - KEA KITCHEN EXTRACT
 - KEA KITCHEN SUPPLY
 - SMX SMOKE EXTRACT
 - DEA DIRTY EXTRACT
 - FEL FINISHED FLOOR LEVEL
 - AFEL ABOVE FINISHED FLOOR LEVEL
 - CL CENTRE LINE
 - IL INVERT LEVEL
 - FA FROM ABOVE
 - FB FROM BELOW
 - RTA RISE TO ABOVE
 - RL LOW LEVEL
 - HL HIGH LEVEL
 - RTH RISE TO HIGH LEVEL
 - Fire Rated Ductwork
 - Underfloor Ductwork

Rev	Description	Date
001	Contractor Issue	06/06/22
002	Comments Incorporated	17/07/22
003	Comments Incorporated	07/11/22
004	Preliminary Issue	22/06/23



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Design Manager: NGB
Checked By: J Bejsluk
Drawn By: J Parker

Title: Ventilation Ground Floor Sheet 4 of 4

Issue Date: 08/06/22

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Scale: 1 : 50

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