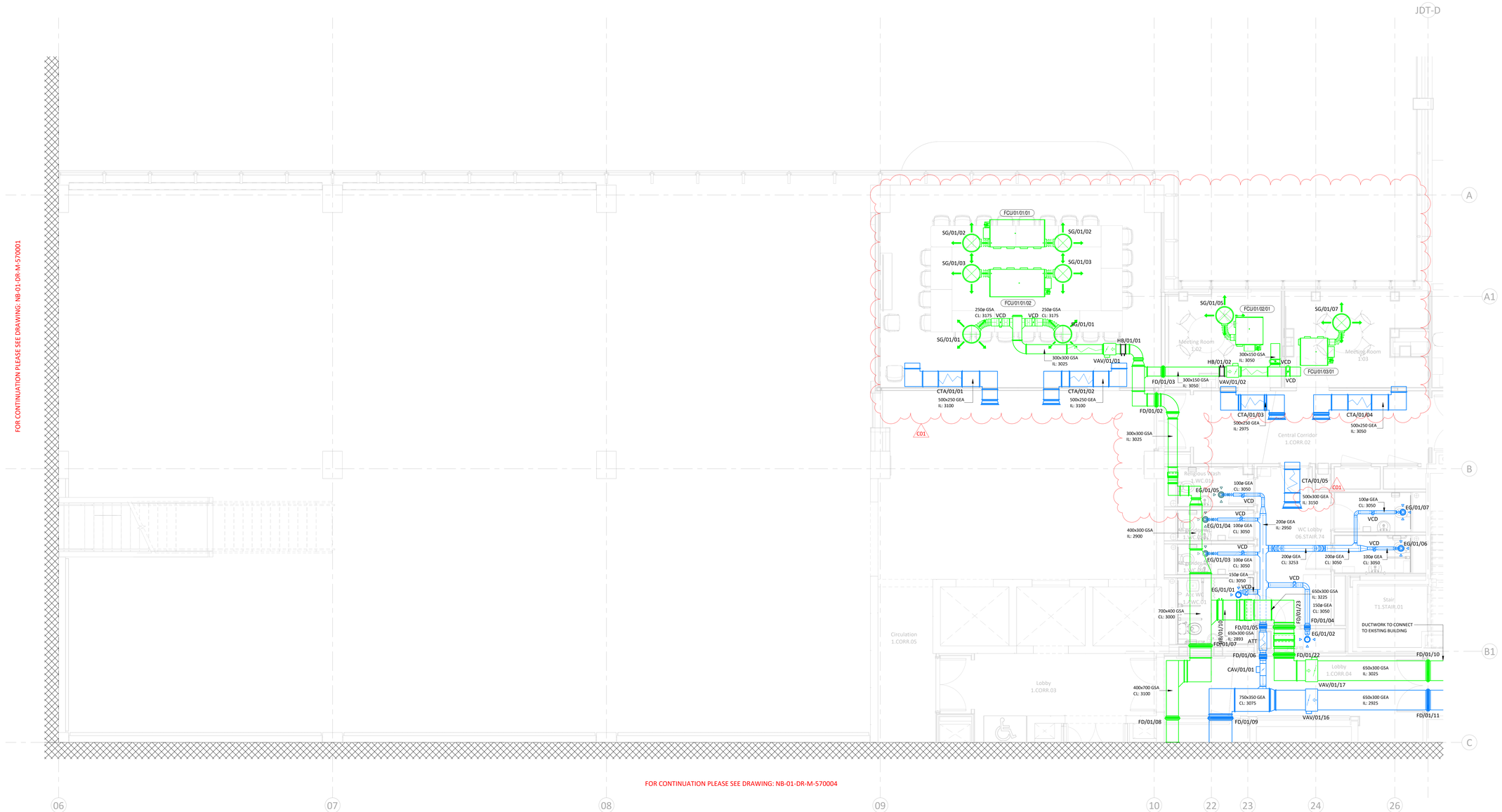
Rev C01

Drawing No. 1338B-NGB-NB-01-DR-M-570002



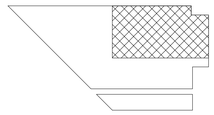
bsi. BIM Design and Construction KITEMARK™ KM 676012

SAFETY First & Foremost

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

For details of site wide and general risks to be read in conjunction with these notes, refer to the following documents:

No specific SHE risks have been identified for the contents of this drawing.



KEY PLAN

NOTES:

1. 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.
2. THIS DRAWING FORMS PART OF THE SPECIFICATION AND CONTRACT DOCUMENTS FOR THE WORKS
3. ANY DEVIATIONS FROM THIS DRAWING SHALL BE RECORDED AND RETURNED TO INFORM THE RECORD DRAWING
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED. UNDER NO CIRCUMSTANCES SHOULD DIMENSIONS BE SCALED FROM THIS DRAWING
5. INSTALL IN LINE WITH MANUFACTURERS GUIDANCE FOR DUCT, FITTINGS, EQUIPMENT, AND PLANT.
6. DUCTWORK MANUFACTURED AND INSTALLED IN ACCORDANCE WITH DW144
7. KITCHEN EXTRACT DUCTWORK MANUFACTURED AND INSTALLED IN ACCORDANCE WITH DW172
8. ALL KITCHEN EXTRACT DUCTWORK SUPPORTS ARE TO BE FIRE RATED
9. UNLESS STATED OTHERWISE IN THE SPECIFICATION, THE LEVEL OF CLEANLINESS SHALL BE IN LINE WITH HVCA TR/19 TABLE F2 - INTERMEDIATE PDI LEVEL
10. 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
11. VCDS ARE INSTALLED ON ALL MAIN, SUB MAIN AND TERMINAL BRANCHES UNLESS DRAWING INDICATES SELF-BALANCED HEADER
12. 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
13. 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
14. ALL FIRE DAMPERS HAVE VISUAL INDICATION STATUS
15. ALL RECTANGULAR DUCTWORK, AND CIRCULAR OVER 250 DIA SHALL HAVE MULTI-BLADE OBD TYPE VCDS
16. SUPPLY GRILLE FLEXIBLE CONNECTIONS ARE FULLY INSULATED AND OF THE ACOUSTIC FLEX TYPE (500MM MAX)
17. FREE ISSUE FILTER MEDIA IS INSTALLED BY THE DUCTWORK CONTRACTOR PRIOR TO PROJECT COMPLETION
18. THE DISHWASHER EXTRACT SYSTEM IS INSTALLED IN STAINLESS STEEL AS PER PROJECT SPECIFICATION
19. SLEEVES ARE INSTALLED THROUGH ALL WALLS
20. 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 NGB AND 10% TO THE CLIENT/BUILDING CONTROL FINAL SIGN OFF
21. ALL DUCTWORK COMPONENTS SHALL BE INDEPENDENTLY SUPPORTED TO THE BUILDING STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
22. DOOR UNDERCUTS SHALL BE 10MM UNLESS NOTED OTHERWISE
23. ALL EXTRACT BELLMOUTHS 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
SG	SUPPLY GRILLE
EG	EXTRACT GRILLE
EL	EXHAUST LOUVRE
FCU	FAN COIL UNIT
GEA	GENERAL EXTRACT
GSA	GENERAL SUPPLY
EXH	EXHAUST AIR
FAI	FRESH AIR INTAKE
FEA	FUME EXTRACT
KEA	KITCHEN EXTRACT
KSA	KITCHEN SUPPLY
SMX	SMOKE EXTRACT
DEA	DIRTY EXTRACT
FFL	FINISHED FLOOR LEVEL
AFFL	ABOVE FINISHED FLOOR LEVEL
CL	CENTRE LINE
IL	INVERT LEVEL
FA	FROM ABOVE
TB	TO BELOW
FB	FROM BELOW
RTA	RISE TO ABOVE
LL	LOW LEVEL
HL	HIGH LEVEL
RTHL	RISE TO HIGH LEVEL
	FIRE RATED DUCTWORK
	UNDERFLOOR DUCTWORK

Rev	Description	Date
C01	Construction Issue	01/06/22
P03	Comments Incorporated	17/02/22
P02	Comments Incorporated	16/11/21
P01	Preliminary Issue	27/09/21

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Design Manager
NGB

Checked By
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Drawn By
J Parker

Title
Ventilation First Floor Sheet 2 of 4

Issue Date
08/06/22

Status	Scale	Sheet Size	Rev.
A1 - Approved & Accepted	1 : 50	A0	C01

Drawing No.
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