



- VENTILATION NOTES:
1. BEFORE COMMENCEMENT OF WORK ASSOCIATED WITH THIS DRAWING REFER TO THE APPROPRIATE METHOD STATEMENTS AND RISK ASSESSMENT.
 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DOCUMENTATION.
 3. DO NOT SCALE FROM THIS DRAWING. USE FOURED DIMENSIONS ONLY. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE STATED. ALL DIMENSIONS ARE GIVEN IN MILLIMETERS UNLESS OTHERWISE STATED. ALL DIMENSIONS TO BE CHECKED BY THE INSTALLER PRIOR TO COMMENCEMENT OF WORKS.
 4. ALL FINISHES, SURFACES, ETC. ARE TO BE APPROVED BY THE MAIN CONTRACTOR PRIOR TO INSTALLATION AS PER THE MANUFACTURER'S GUIDANCE.
 5. ALL DUCTWORK SHALL BE MANUFACTURED, INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH BS EN 1825-1:2018. DUCTWORK SHALL BE CHECKED OUT ON SITE PRIOR TO THE INSTALLATION BEING EXECUTED.
 6. ACCESS DOORS SHALL BE PROVIDED ADJACENT ALL FIRE DAMPERS, OTHER SIDE OF AIR TURNS & AT LEAST AN INTERVAL OF 10 METRES.
 7. ALL DUCT RIGS & DIFFUSER POSITIONS MUST BE CHECKED & LAYOUTS, STRUCTURAL ENGINEERING & ELECTRICAL SERVICES DRAWINGS. ALL DIMENSIONS MUST BE CHECKED OUT ON SITE PRIOR TO THE INSTALLATION BEING EXECUTED.
 8. ALL BRANCH CONNECTIONS SHALL BE PROVIDED WITH VCOBS TO FACILITATE BALANCING IN ACCORDANCE WITH ALL RELEVANT CODES AND GOOD PRACTICES.
 9. ALL LOUVERES AND ROOF DOWNS SHALL BE FITTED WITH BIRD MESH AND INSECT SCREENS UNLESS OTHERWISE SPECIFIED.
 10. FIRE DAMPERS TO BE COMPLETE WITH BUILT-IN FRAMES FOR FANING TO THE BUILDING STRUCTURE AS REQUIRED IN ACCORDANCE WITH THE CURRENT ARCHITECTS FIRE STRATEGY DRAWINGS.
 11. ALL DOOR TRANSFER GRILLES AND DOOR UNDERCUTS TO BE PROVIDED AS NECESSARY FOR FANATION RETURN AIR PATH. THE CONTRACTOR WILL NEED TO TAKE IN CONSIDERATION OF ACOUSTIC AND THE STRATEGY REPORT TO SATISFY ALL REQUIREMENTS.
 12. ALL DUCTWORK TO BE OF GALVANISED STEEL CONSTRUCTION.
 13. ALL FLEXIBLE VENTILATION DUCTWORK SHALL ONLY BE USED FOR THE FINAL CONNECTIONS TO GRILLES. ALL EXCESS FLEXIBLE DUCTWORK SHALL BE CUT BACK TO A MINIMUM OF 500mm WHEN MAKING FINAL CONNECTIONS.
 14. ALL FAN AND VENTILATION UNITS SHALL BE INSTALLED WITHIN ACCESSIBLE LOCATIONS WITH DUE REGARD TO THE MANUFACTURER'S INSTALLATION GUIDE.
 15. ALL FAN ORIFICE ALL EXHAUST BODIES AND AIR TERMINALS SHALL BE INDEPENDENTLY SUPPORTED DIRECT TO ROOFTOP.
 16. ALL ROOF EQUIPMENT TO BE INSTALLED ON BIGFOOT SYSTEM ISOLATED FROM ROOF STRUCTURE.

- UNCLASSIFIED
- SQUARE DIFFUSER
 - REMOVABLE RETURN GRILLE
 - SWIRL GRILLE
 - CIRCULAR SWIRL GRILLE
 - EGGCRATE GRILLE
 - LEDU GRILLE
 - CIRCULAR AIR VALVE
 - LINEAR DIFFUSER
 - BEAMLIGHT
 - SUPPLY LOUVER
 - EXTRACT LOUVER
 - DOOR UNDERCUT
 - FIRE DAMPER
 - PRIMARY SUPPLY
 - EXTRACT / RETURN AIR
 - SECONDARY SUPPLY
 - EXISTING
 - REMOVED / RELOCATED
 - DTU / RTU
 - OTL / RTL
 - VOLUME CONTROL DAMPER
 - BACKDRAUGHT DAMPER
 - CROSSOVER ATTENUATOR
 - INLINE FAN
 - TWIN FAN
 - AC CONTROLLER
 - FAN CONTROLLER
 - ACCESS HATCH
 - HEAT RECOVERY UNIT
 - FAN COIL UNIT
 - AC CASSETTE
 - WALL MOUNTED FAN COIL
 - OUTDOOR CONDENSING UNIT
 - BRANCH CONTROLLER
 - PANEL HEATER / RADIATOR
 - PIPEWORK CONTAINMENT

REV	DESCRIPTION	DATE
REV 1	PRELIMINARY ISSUE	28.09.2023
REV 2	FOU SYSTEM 1 ACDF MOVED DUE TO CLASH WITH RELOCATED WOOD BURNING STOVE	02.10.2023
REV 3	FOU SYSTEM 1 ACDF MOVED DUE TO CLASH WITH RELOCATED WOOD BURNING STOVE	02.10.2023
REV 4	KITCHEN EXTRACT SYSTEM ADDED	09.10.2023

DRAWING STATUS

PRELIMINARY

PULSE
PROJECT SOLUTIONS

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PROJECT MANAGER	DESIGN
JORDAN TAYLOR	JORDAN TAYLOR

SCALE: 1:50

DATE: 28.09.2023

PROJECT: FOURWAYS HOUSE
57 HILTON STREET
MANCHESTER
M1 2EL

DRAWING TITLE: LEVEL 02
VENTILATION & AIR CONDITIONING

DRAWING NO.	REV
Q0953-PPS-XX-02-DR-M-5701	P03