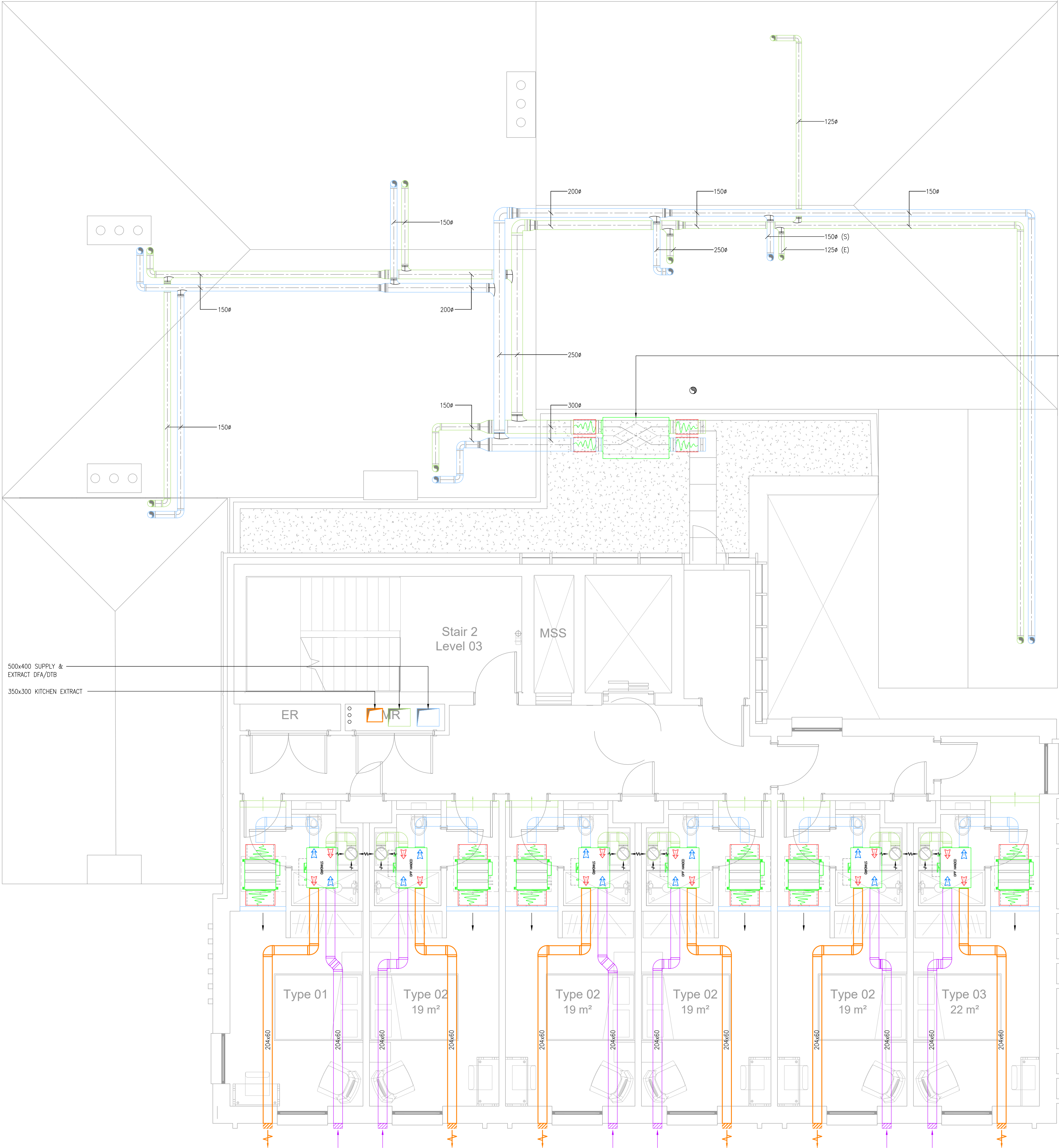




VENTILATION SERVICES	
SYMBOL	REFERENCE
	SUPPLY DUCTWORK
	EXTRACT DUCTWORK
	LOCAL AIR CONDITIONING
	DIRTY EXTRACT DUCTWORK
	DUCTWORK
	AIR CONDITIONING CONTROLLER
	MAIN ATTENUATOR
	CROSS TALK ATTENUATOR
	VOLUME CONTROL DAMPER
	SMOKE/FIRE DAMPER
	LOUVRE
	DOOR TRANSFER GRILLE
	EXTRACT FAN
	CIRCULAR RISE & CIRCULAR RISE FROM DUCT
	RECTANGULAR RISE
	AIR VALVE/SUPPLY DIFFUSER
	AIR VALVE/EXTRACT DIFFUSER
	LINEAR SUPPLY GRILLE
	LINEAR EXTRACT GRILLE
	RECTANGULAR BEND
	RECTANGULAR BEND WITH VANES

INTERNAL AHU MOUNTED ON BIG FOOT SYSTEM
(DUTY 320/s @ 200Pa)
SWECON GOLD RX004 825x1490x920H; 278kg
(SUBJECT TO PLANTROOM AGREEMENT)

500x400 SUPPLY &
EXTRACT DFA/DTB

350x300 KITCHEN EXTRACT

MVHR – MRXBOXAB–ECO–LP2

200mm CLEAR SERVICE VOID REQUIRED

MVHR FAI & EXHAUST TO CONNECT TO
LOUVRE WITHIN FACADE TO ARCHITECT DETAIL
FREE AREA REQUIRED 0.01M2

- PROTECTED BY UK COPYRIGHT LAW
DO NOT SCALE OFF THIS DRAWING

DESIGNERS RISK ASSESSMENT

Under section 11, 18 - Construction (Design and Management) Regulations 2015

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

There are no significant, unusual or location specific risks which are not obvious to a competent contractor or likely to be difficult to manage
- NOTES

1. ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED

2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS

3. THE INSTALLATION SHALL COMPLY WITH THE BUILDING REGULATIONS, BRITISH STANDARDS, STATUTORY REGULATIONS, CIBSE GUIDES, CIBSE COMMISSIONING CODES, HVCA CODES AND GUIDES AND ALL OTHER RELEVANT REGULATIONS.

4. THE DUCTWORK INSTALLATION SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH DW/144

5. THE AIR INTAKE DUCTWORK BETWEEN THE VENTILATION HEAT RECOVERY UNITS AND INTAKE LOUVRES SHALL BE THERMALLY INSULATED IN ACCORDANCE WITH BS5422:2001, WITH ALL DUCTWORK VAPOUR SEALED

6. DUCTWORK SHALL BE INSTALLED (WHERE PRACTICAL) WITH GRADIENTS TOWARDS THE VENTILATION HEAT RECOVERY UNIT TO ENSURE THAT CONDENSATE DRAINS TOWARDS THE UNIT

7. ALL EXTRACT VALVES SHALL BE ADJUSTABLE FOR VOLUME CONTROL, NOISE REDUCTION AND DRAUGHT AVOIDANCE PURPOSES

8. ACCESS PANELS SHALL BE PROVIDED WITHIN THE DUCTWORK SYSTEM INLINE WITH B&ES TR17 AND GENERALLY AT 3m INTERVALS ON STRAIGHT DUCTS. IN ADDITION EASILY REMOVABLE END CAPS SHALL BE INCLUDED ON ALL STRAIGHT DUCT LENGTHS FOR CLEANING PURPOSES

9. ALL FIRE DAMPERS SHALL BE PROVIDED WITH ADJACENT ACCESS PANELS (WHERE NECESSARY) TO ENABLE INSPECTION AND TESTING

10. ALL SERVICE ROUTES AND POSITIONS ARE INDICATIVE AND SHOULD BE VERIFIED ON SITE FOLLOWING AN EXISTING SITE SERVICES SURVEY AND SHALL BE FULLY COORDINATED WITH THE ARCHITECT.

11. NO FLEXIBLE CONNECTIONS TO GRILLES AND DIFFUSERS TO EXCEED 250mm IN LENGTH.

12. ALL FANS & AC UNITS SHALL BE PROVIDED WITH ANTI-VIBRATION MOUNTS.

13. THE CONTRACTOR SHALL ALLOW FOR ALL CO-ORDINATION WITH M, E & PH INSTALLATIONS & FABRIC/STRUCTURE.

14. THE CONTRACTOR SHALL ALLOW FOR ALL BUILDERS WORK IN CONNECTION WITH THE SERVICE INSTALLATION.

15. ALL DUCTWORK BRANCHES INTO STUDIOS TO BE 150mmø & TRANSFORM TO 204x60mm UNLESS STATED OTHERWISE.

16. SMOKE/FIRE DAMPERS TO BE INSTALLED TO EACH STUDIO.



-	P01	PRELIMINARY ISSUE	CF	BD	13.01.23
STA	REV	DESCRIPTION	DES	CHD	DATE

PURPOSE OF ISSUE
PRELIMINARY ISSUE

NOVO

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CLIENT

DOMIS

PROJECT

LIVERPOOL ROAD
MANCHESTER

TITLE

MECHANICAL SERVICES
THIRD FLOOR
VENTILATION LAYOUT

SCALE	ORIGINAL SIZE	DATE
1:50	A1	JAN '23
DRAWN	DESIGNED	CHECKED
CF	CF	BD

REVISION

P01

VENTILATION

