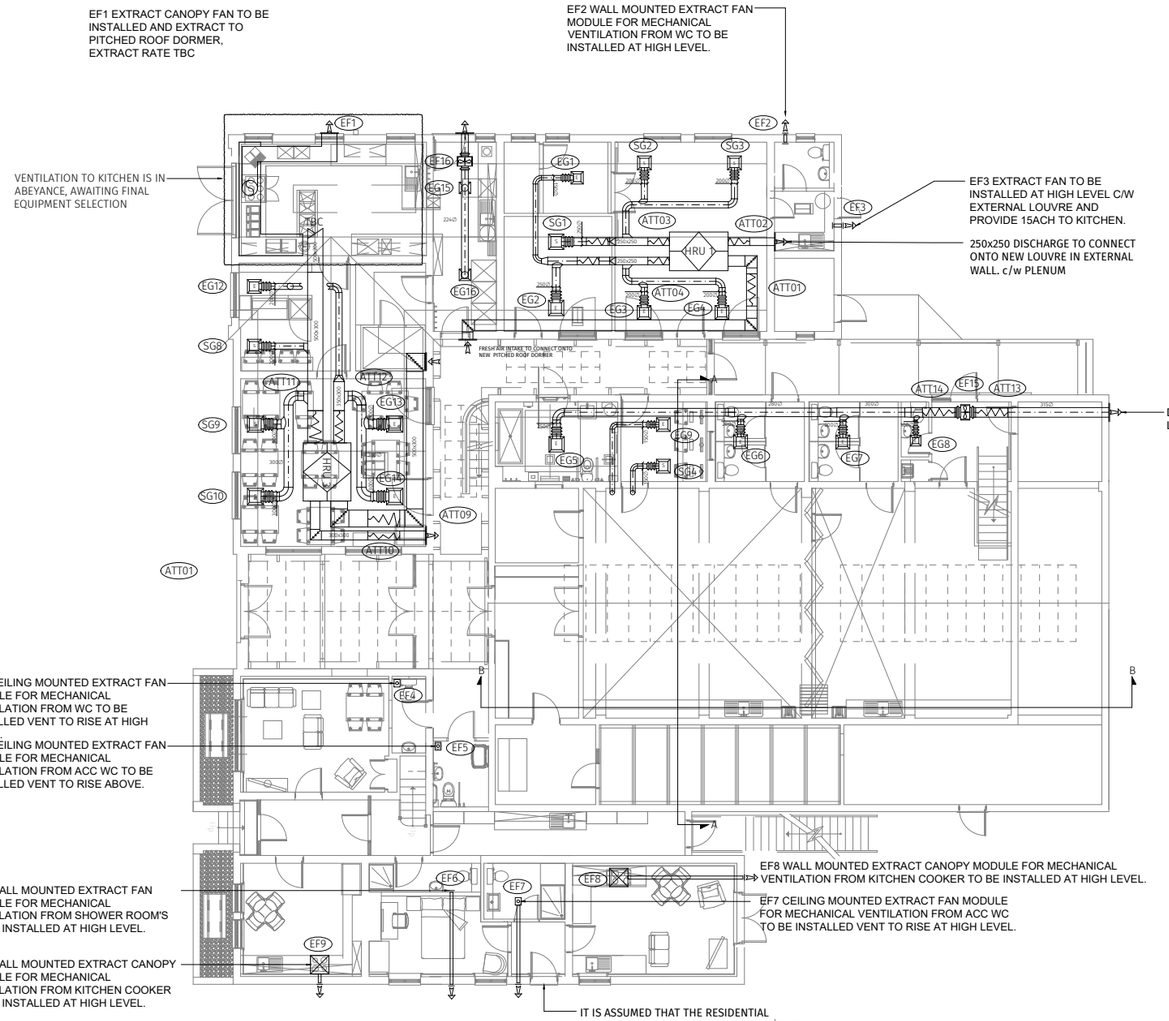
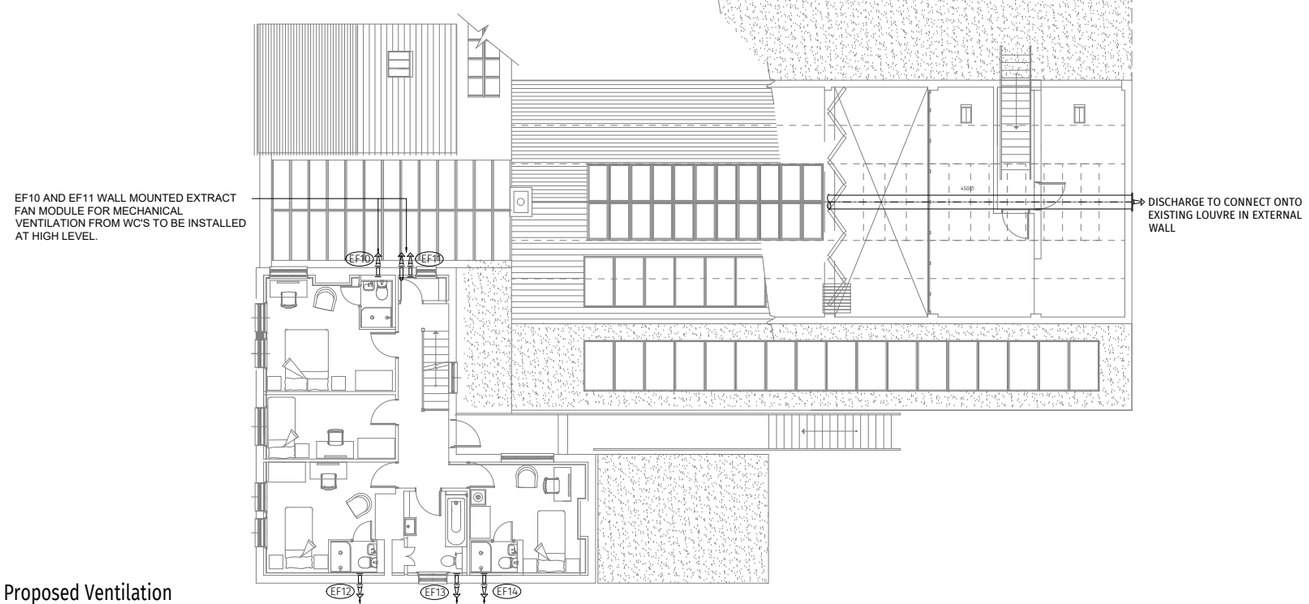


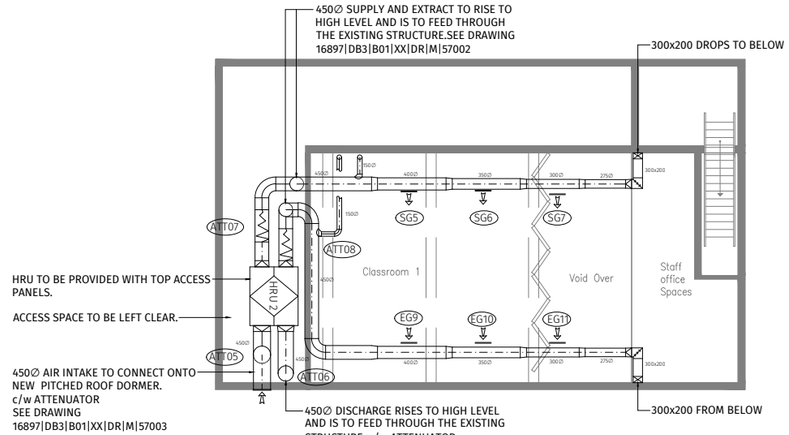
01 | Proposed Ground Floor Ventilation

SCALE:1:100



02 | Proposed Ventilation

SCALE:1:100



03 | Proposed Mezzanine Ventilation

SCALE:1:100

VENTILATION NOTES

1. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR TAKING THE LEAD ROLE & SHALL ALLOW FOR COORDINATING THE DUCTWORK INSTALLATION WITH THE BUILDING STRUCTURE/PIPEWORK & ELECTRICAL ELECTRICAL SERVICES. NO COSTS SHALL BE CONSIDERED FOR LACK OF COORDINATION.
2. ALL DUCTWORK SHALL BE INSTALLED IN ACCORDANCE WITH DW144
3. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR ALL DUCTWORK TRANSFORMATIONS FOR CONNECTION ONTO THE GRILLES, DIFFUSERS, ATTENUATORS, FAN UNITS.
4. ALL DUCTWORK CONNECTIONS TO MVHRs TO BE c/w ACOUSTIC FLEXIBLE CONNECTIONS.
5. ALL DUCTWORK PASSING THROUGH FIRE WALLS TO BE SEALED WITH INTUMESCENT MATERIAL.
6. MECHANICAL SERVICES CONTRACTOR TO PROVIDE ALL PRIMARY & SECONDARY STEELWORK SUPPORTS FOR THE ENTIRE VENTILATION SYSTEM AS REQUIRED.
7. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR WEATHERING APRONS/CRAVATS TO ALL ROOF PENETRATIONS.
8. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR TESTING & COMMISSIONING OF THE INSTALLED SYSTEM & PROVIDING "AS INSTALLED" DRAWINGS AND O&M MANUALS
9. ALL DUCTWORK SHALL BE INSULATED c/w ID BANDS AS PER THE MECHANICAL SERVICES SPECIFICATION.
10. EXTERNAL DUCTWORK SHALL BE INSULATED AND WEATHER PROTECTED AS PER THE MECHANICAL SERVICES SPECIFICATION. FINISH TO BE INSTALLED TO SHED WATER.
11. THE MECHANICAL SERVICES CONTRACTOR MUST FULLY CO-ORDINATE WITH ALL SERVICES BEFORE COMMENCING WORKING DRAWING PRODUCTION.
12. THE MECHANICAL SERVICES CONTRACTOR SHALL ALLOW FOR SITE SURVEYING THE INSTALLATION AND CO-ORDINATING WITH THE SERVICES/BUILDING STRUCTURE. NO COST FOR LACK OF CO-ORDINATION SHALL BE CONSIDERED.
13. ALL DUCTWORK TAPER SECTIONS ARE TO BE FLAT ON TOP UNLESS OTHERWISE STATED.
14. ALL FIRE DAMPERS AND VOLUME CONTROL DAMPERS SHALL BE FITTED WITH ACCESS DOORS. CONTRACTOR RESPONSIBLE FOR ENSURING ACCESS IS ACHIEVABLE.
15. CONTRACTOR TO ALLOW FOR SUFFICIENT ACCESS DOORS FOR CLEANING PURPOSES
16. ALL PLENUM BOXES SHALL BE SUPPORTED FROM THE SOFFIT.
17. MECHANICAL CONTRACTOR RESPONSIBLE FOR ENSURING APPROPRIATE BALANCING DAMPERS ARE INSTALLED IN THE DUCTWORK SYSTEMS.
18. THE MECHANICAL SERVICES CONTRACTOR SHALL SITE MEASURE ALL DUCTWORK CONNECTIONS ONTO LOUVRES AND ALLOW FOR DUCTWORK TRANSFORMATIONS.
19. THE MECHANICAL SERVICES CONTRACTOR IS TO ENSURE THAT ALL FIRE DAMPERS ARE RE-SETABLE & MAINTAINABLE, & THAT ALL DAMPERS, WHETHER FIRE OR BALANCING HAVE ACCESS AS DICTATED BY DW 144.
20. FIRE DAMPERS ARE TO BE INCLUDED BY THE MECHANICAL CONTRACTOR TO SUIT THE FIRE COMPARTMENTATION DRAWING. CONTRACTOR IS ALSO RESPONSIBLE FOR ENSURING THE APPROPRIATE TYPE OF DAMPER IS USED (I.E. FUSEABLE LINK OR MOTORISED LINKED TO THE FIRE ALARM).

REV	DATE	DESCRIPTION	DR	CH
P03	15.10.24	TENDER ISSUE	MN	MG
P02	02.07.24	DESIGN DEVELOPMENT	MN	MG
P01	31.05.24	FIRST ISSUE	MN	MG

TENDER

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CLIENT
Geraint Roberts Associates

PROJECT
Wrexham Miners Rescue Building

TITLE
Proposed Ventilation Layout

CREATION DATE	SCALE @ A1	DRN	CHK	APP	SUIT
10/4/24	1:100	JH	MG	MG	5a

SHEET NO.
16897 - DB3 - B01 - XX - DR - M - 57001
PROJECT NO | ORIGINATOR | ZONE | LEVEL | TYPE | ROLE | NUMBER

REVISION
P03

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