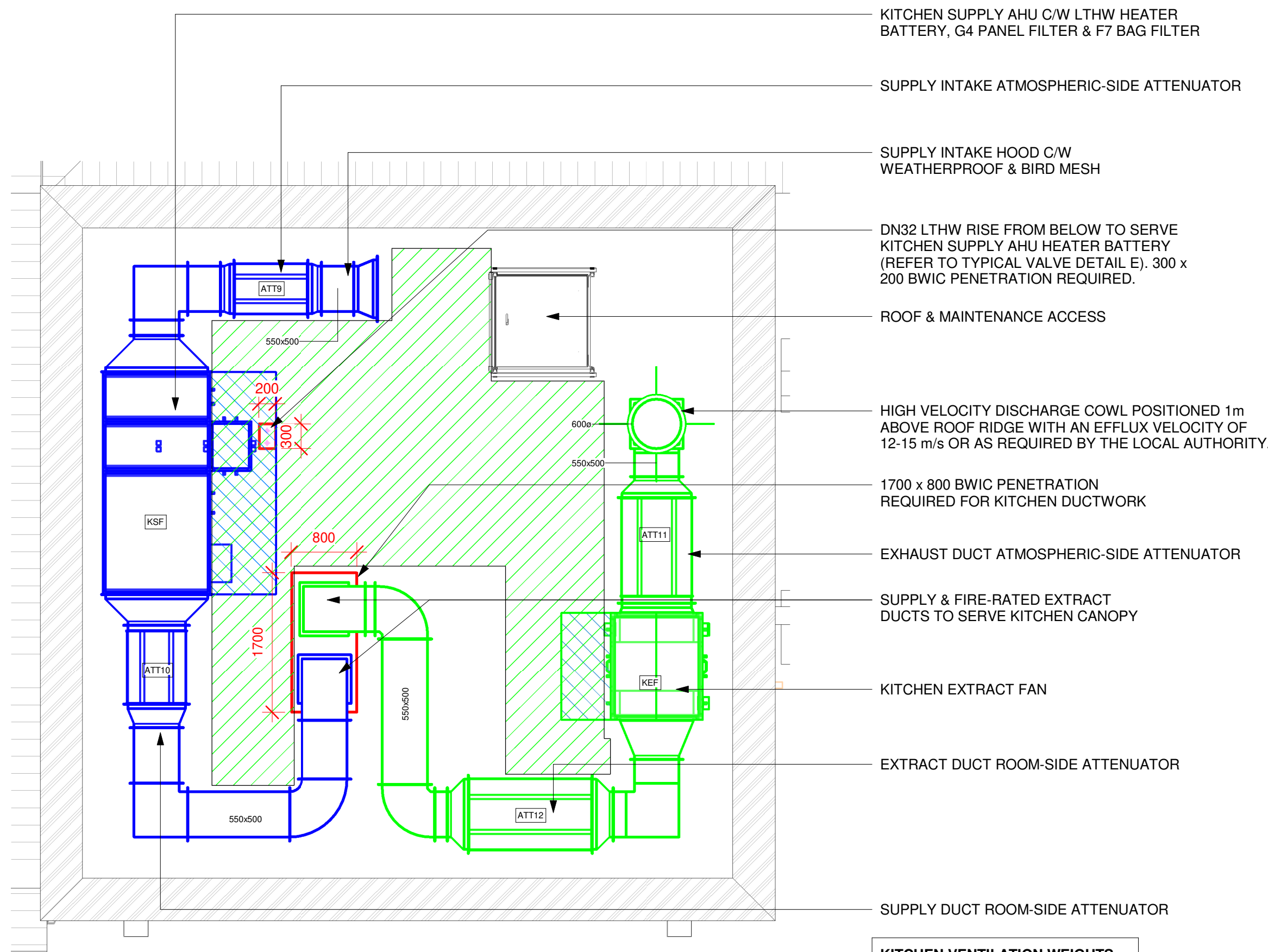
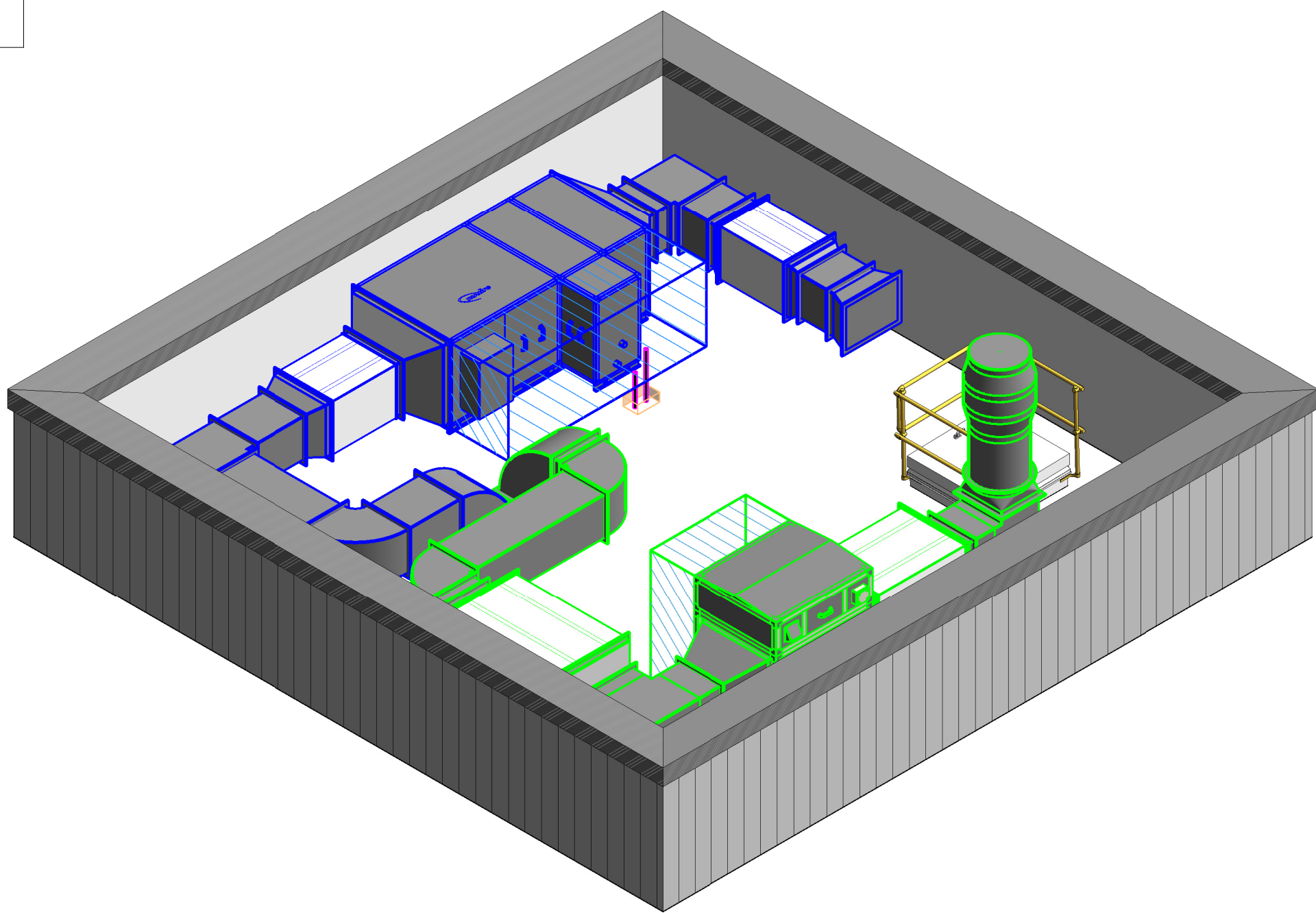


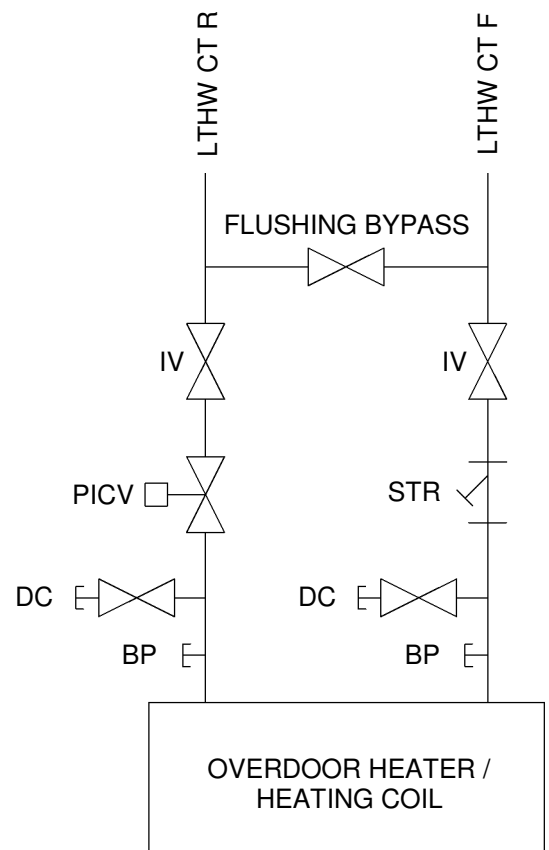


1 KITCHEN ROOF PLANT DECK
1 : 50



2 3D - KITCHEN ROOF PLANT DECK

TYPICAL VALVE DETAIL E:
PRESSURE INDEPENDANT CONTROL



NOTES

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE M&E SERVICES STRATEGY, ARCHITECTS DRAWINGS AND ALL RELATED PROJECT DOCUMENTATION.
- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE TO BE VERIFIED BY SITE MEASUREMENT BEFORE STARTING WORK.
- THE ELECTRICAL INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH THE 18TH EDITION OF IEE WIRING REGULATIONS BS57671 (REQUIREMENTS OF ELECTRICAL INSTALLATIONS)
- THE CONTRACTOR SHALL SUPPLY, INSTALL, TEST AND COMMISSION ALL SYSTEMS TO SERVE THE NEW BUILDING.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- ALL GENERAL DUCTWORK SHALL BE INSTALLED IN LINE WITH DW144.
- THE CONTRACTOR SHALL INSTALL ALL KITCHEN VENTILATION SYSTEMS IN ACCORDANCE WITH DW172.
- THE KITCHEN VENTILATION SYSTEM SHALL BE DEMAND CONTROLLED USING A **QUINTEX CHEETAH OR EQUAL APPROVED SYSTEM**. THE CONTRACTOR SHALL ENSURE THE CONTROLS SPECIALIST PROVIDES THE NECESSARY SENSORS AND WIRING TO ENSURE THE SYSTEM INTERLOCKS WITH THE GAS SUPPLY AND ENSURES VARIES FAN SPEED SUBJECT TO DEMAND / LOAD. THE CONTROL PANEL SHALL BE LOCATED IN THE STORE ROOM ADJACENT TO THE KITCHEN.
- KITCHEN ATTENUATORS SHALL BE CONSTRUCTED SO THAT THERE IS NO GREASE IMPREGNATION INTO THE ACOUSTIC MEDIA (E.G. MELINEX LINED).
- ALL VOLUME CONTROL DAMPERS SHALL BE AS DETAILED IN DW172 CONSTRUCTED FROM STAINLESS STEEL WITH THE OPERATING MECHANISM SHALL BE OUTSIDE THE AIRSTREAM AND BE CAPABLE OF WITHSTANDING THE HIGHER AIR TEMPERATURES ASSOCIATED WITH KITCHEN SYSTEMS.
- ALL KITCHEN EXTRACT DUCTWORK SHALL BE GREASE-TIGHT FIRE RATED SPECIFICATION IN ACCORDANCE WITH DW172.

PIPEWORK EXTERNAL WEATHER PROTECTION

VENTURECLAD PLUS 1577CW – WATER AND WEATHERPROOF, PUNCTURE AND TEAR RESISTANT INSULATION PROTECTION SYSTEM COMPRISED OF 5 LAYERS OF POLYESTER FILM AND 4 LAYERS' ALUMINIUM FOIL OVER A 3-LAYER CORE OF POLYETHYLENE FABRIC.

DUCTWORK EXTERNAL WEATHER PROTECTION

VENTURECLAD™ 1579CW & 1577CW® A LAMINATED FOIL / FILM FACING FOR EXTERIOR APPLICATIONS OR EQUAL AND APPROVED.

C1	A - ISSUED FOR CONSTRUCTION; KITCHEN PACK	28.04.2023
P3	D2 - ISSUED FOR TENDER; TOTAL ROOF WEIGHTS ADDED	20.02.2023
P2	D2 - ISSUED FOR TENDER; KITCHEN TENDER PACK	10.02.2023
P1	P - ISSUED FOR PLANNING APPROVAL	20.01.2023

REVISION	DESCRIPTION	DATE
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A - ISSUED FOR CONSTRUCTION



PROJECT
YSGOL YR HAFOD

DRAWING TITLE
PROPOSED KITCHEN ROOF PLANT DECK LAYOUT

ENGINEERING SERVICES DESIGN LIMITED
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS

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DRAWN:	AG	DATE:	20.01.23
CHECKED:	TJ	DATE:	20.01.23
APPROVED:	RG	DATE:	20.01.23
SIZE:	A1	SCALE:	AS INDICATED
DRAWING NO:	HAF-ESD-XX-R1-DR-N-5001	REV:	C1