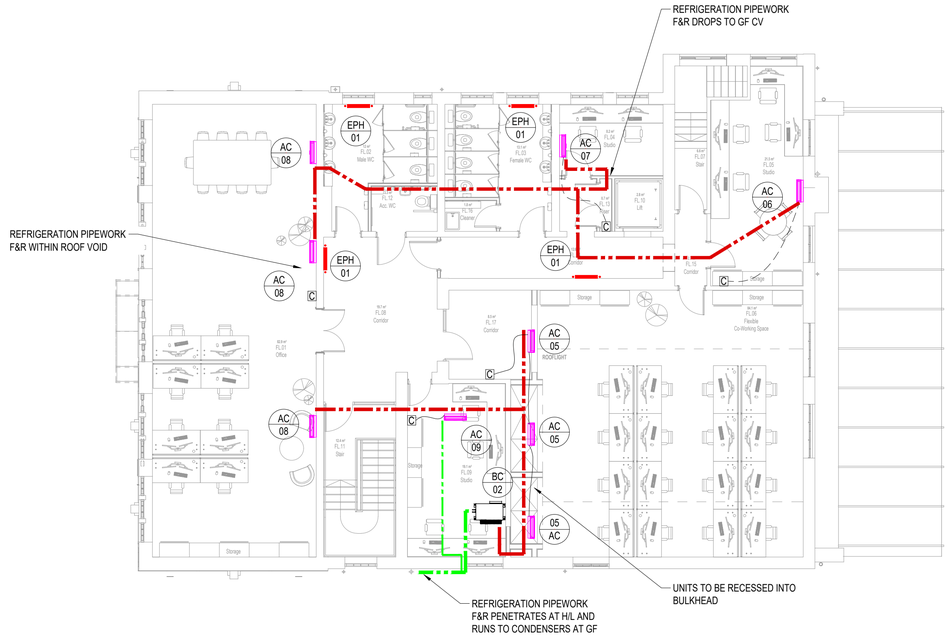
EXTERNAL CONDENSER SCHEDULE						
UNIT REFERENCE	MANUFACTURER	UNIT TYPE	UNIT CAPACITY HEATING / SENSIBLE COOLING	ELECTRICAL SUPPLY (V, Hz, Ph, Amps)	DIMENSIONS (mm)	WEIGHT (kg)
EX01	MITSUBISHI	PURY-EM200YNW-A1	25kW / 22.4kW	415, 50, 3, 16.1	920(W) x 740(D) x 1858(H)	225
EX02	MITSUBISHI	PURY-EM300YNW-A1	37.5kW / 33.5kW	415, 50, 3, 25.6	920(W) x 740(D) x 1858(H)	225
EX03	MITSUBISHI	MUZ-AY25VG	3.2kW / 2.5kW	230, 50, 1, 6	800(W) x 285(D) x 550(H)	31

BRANCH CONTROLLER SCHEDULE			
UNIT REFERENCE	MANUFACTURER	UNIT TYPE	DIMS (HxWxD)
BC01	MITSUBISHI	CMB-M108V-JA1	252x911x622
BC02	MITSUBISHI	CMB-M1012V-JA1	252x1135x622

PANEL HEATER SCHEDULE			
UNIT REFERENCE	MANUFACTURER	UNIT TYPE	DIMS (HxWxD)
EPH01	DIMPLEX	PLX050E	430x450x108
EPH01	DIMPLEX	LST075E	430x690x108

FAN COIL SCHEDULE			
UNIT REFERENCE	MANUFACTURER	UNIT TYPE	UNIT CAPACITY HEATING / COOLING
AC01	MITSUBISHI	PEFY-M63VMA-A	6.07kW / 4.72kW
AC02	MITSUBISHI	PKFY-P32VLM-ER1	4kW / 3.2kW
AC03	MITSUBISHI	PKFY-P50VLM-ER1	6.3kW / 5kW
AC04	MITSUBISHI	PKFY-P10VLM-ER1	1.4kW / 1.1kW
AC05	MITSUBISHI	PKFY-P50VLM-ER1	6.3kW / 5kW
AC06	MITSUBISHI	PKFY-P32VLM-ER1	4kW / 3.2kW
AC07	MITSUBISHI	PKFY-P10VLM-ER1	1.4kW / 1.1kW
AC08	MITSUBISHI	PKFY-P50VLM-ER1	6.3kW / 5kW
AC09	MITSUBISHI	MUZ-AY25VGK	4kW / 3.5kW



AC NOTES

1. AC SYSTEMS AND PIPEWORK SHALL BE INSTALLED BY A MANUFACTURERS APPROVED INSTALLER, IN ACCORDANCE WITH THE CURRENT REVISION OF BS EN 378 AND IN LINE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS INCLUDING THE PRODUCTION OF THE REQUIRED DSEAR SAFETY ASSESSMENT.
2. EACH ROOM / ZONE SERVED BY THE VRF SYSTEMS SHALL BE CONTROLLED VIA A LOCAL ROOM CONTROLLER LINKED TO THE INDOOR UNIT .
3. ALL REFRIGERANT PIPEWORK SHALL BE INSULATED WITH SLIP-ON CLOSE CELL ELASTOMERIC PIPE INSULATION, WITH A FIRE PERFORMANCE RATING CLASS "O" OF BUILDING REGULATIONS. EXTERNAL INSULATION SHALL BE PROVIDED WITH 2-COATS OF UV PAINT.
4. REFRIGERATION CONTAINMENT SHALL BE CONFIRMED BY THE AIR CONDITIONING SPECIALIST INSTALLING CONTRACTOR.
5. ALL REFRIGERANT SYSTEMS ARE INDICITIVE WITH THE FINAL DETAILED DESIGN & AND SELECTIONS AS WELL A LOCATION OF THE EQUIPMENT UNDERTKAEN BY THE SPECIALIST A/C INSTALLER.
6. ALL REFRIGERANT TRAY TO BE HEAVY DUTY TYPECONDENSATE PIPEWORK FROM VRF INDOOR UNITS TO BE INSTALLED TO FOLLOW REFRIGERATION PIPE ROUTE AND TERMINATE IN LOCAL SVP C/W SELF-SEALING APPROVED TRAP.
7. COASTAL PROTECTION TO BE PROVIDED TO ALL EXTERNAL PLANT INCLUDING VRF CONDENSER COILS .

This document and its contents are the property of the Purchaser/Employer and Crookes Walker Consulting. They may not be copied or reproduced in any way, in part or whole, without prior written approval of both parties. Violations will result in legal action.
This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT
REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):
WOL-LAW-X-UI01-DR-A-061003-P03
Proposed First Floor Plan

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL & STRUCTURAL DRAWINGS.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT BUILDING SERVICES DRAWINGS & THE RELEVANT SECTIONS OF THE SPECIFICATIONS & SCHEDULES.
3. THIS DRAWING IS NOT TO BE SCALED.
4. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
5. ANY DISCREPANCIES, ERRORS OR OMISSIONS ARE TO BE CLARIFIED WITH THE RELEVANT ENGINEER AT THE EARLIEST OPPORTUNITY.

HEATING AND COOLING LEGEND	
SYMBOL	DESCRIPTION
	RADIATOR
	PIPEWORK RISES/DROPS
	PIPEWORK WITHIN CEILING VOID
	PIPEWORK AT LOW LEVEL
	REFRIGERANT F&R PIPEWORK
	SUPPLY DUCTWORK
	CEILING CONCEALED CASSETTE
	WALL / FLOOR MOUNTED FAN COIL UNIT
CO	WALL MOUNTED CONTROLLER
MC	AC WALL MOUNTED MASTER CONTROLLER
DTLL	DROP TO LOW LEVEL
FA	FROM ABOVE
FB	FROM BELOW
LL	LOW LEVEL
TA	TO ABOVE
TB	TO BELOW

Rev	Date	Description	Eng	Chk
C3	01.04.25	UPDATED CONSTRUCTION ISSUE	SB	GR
C2	28.03.25	UPDATED CONSTRUCTION ISSUE	SB	GR
C1	17.03.25	CONSTRUCTION ISSUE	SB	GR
T3	08.11.24	UPDATED INLINE WITH LATEST XREF	CC	CE
T2	16.10.24	UPDATED INLINE WITH LATEST XREF	CC	CE
T1	27.09.24	TENDER ISSUE	CC	CE

CWC crookes walker consulting
Suite 9a, Bloc, 17 Marble Street
Manchester M2 3AW
Tel: 0161 834 9999
The Plaza, Old Hall Street,
Liverpool L3 9QJ
Tel: 0151 600 5409
E-mail: admin@cwcon.co.uk
Website: www.cwcon.co.uk

Client
wrexham COUNTY BOROUGH COUNCIL CYNGOR BWRDEISTREF SIROL wrecsam

Project
WREXHAM OLD LIBRARY REFURBISHMENT

Drawing Title
FIRST FLOOR HEATING AND COOLING LAYOUT

Status
CONSTRUCTION

Project No.	Drawn	Scale / Paper Size
3327	CC	1:100 @ A1

Drawing No. 3327-CWC-XX-01-DR-M-5601 Rev C3