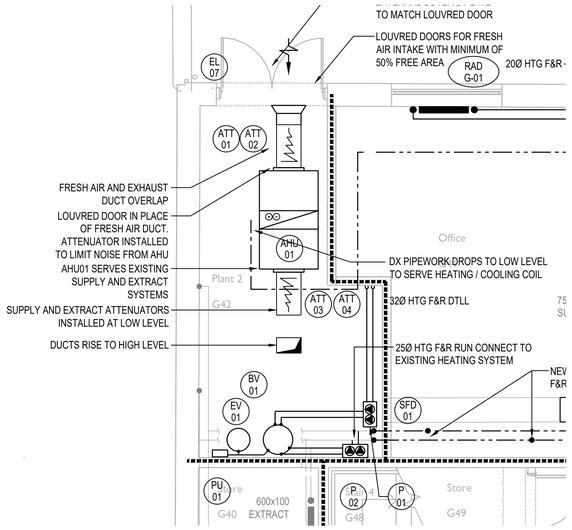
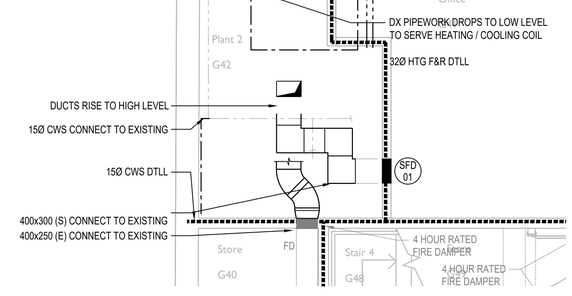
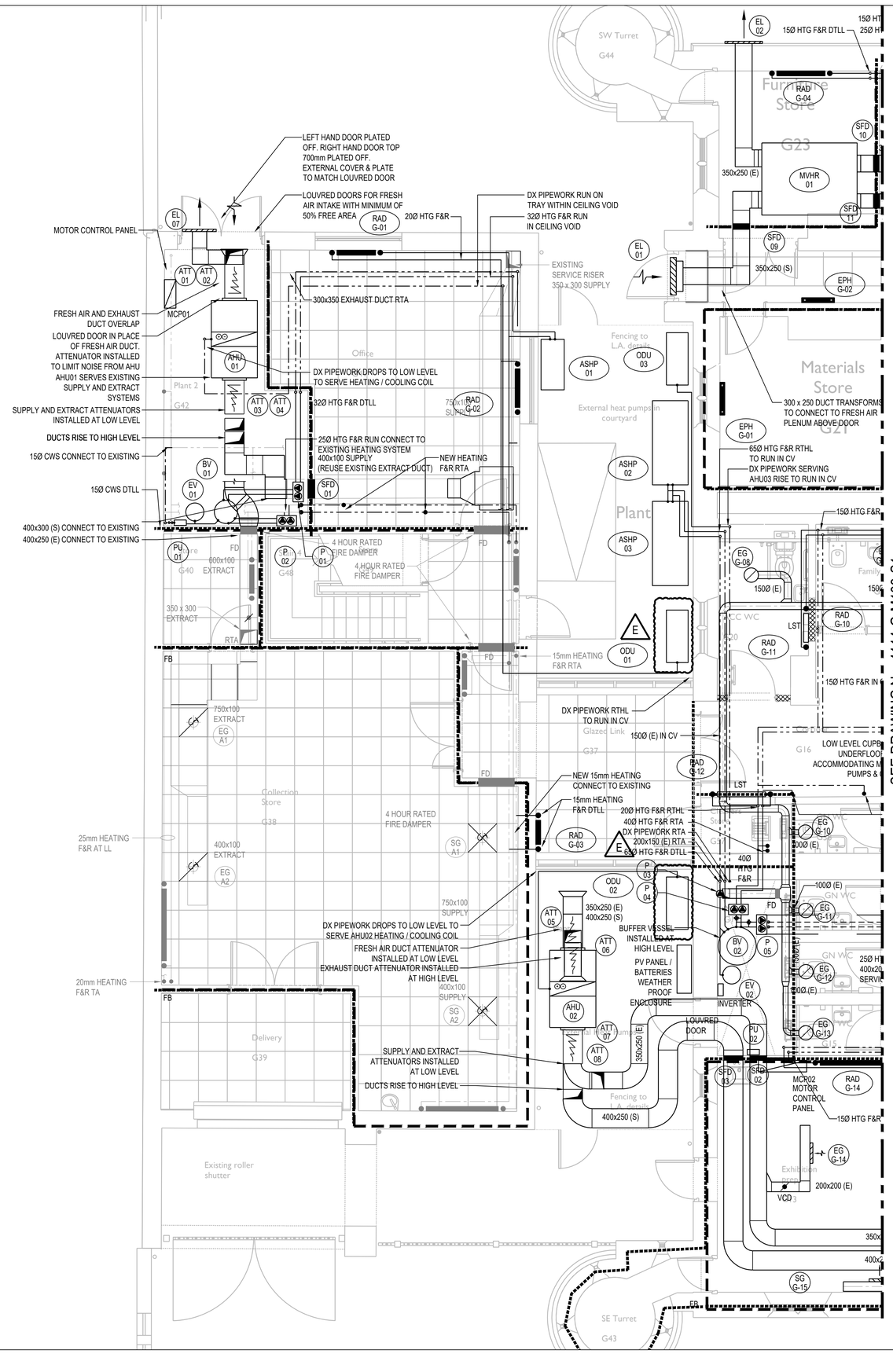


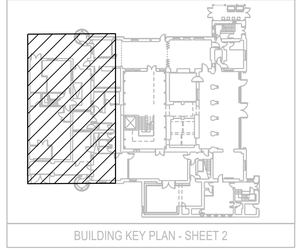
LOW LEVEL PLANT SERVICES



HIGH LEVEL PLANT SERVICES

SMOKE FIRE DAMPER SCHEDULE			
REF	LOCATION	DUCT SIZE (MM)	NOTES
SFD-01	G42 PLANT 2	400x100 (S)	
SFD-02	G13 EXHIBITION PREP	350x250 (E)	
SFD-03	G13 EXHIBITION PREP	400x250 (S)	
SFD-04	G13 EXHIBITION PREP	300x250 (E)	
SFD-05	G13 EXHIBITION PREP	250x200 (E)	
SFD-06	G13 EXHIBITION PREP	400x300 (S)	
SFD-07	G12 SPECIAL EXHIBITION	250x200 (S)	
SFD-08	G12 SPECIAL EXHIBITION	250x200 (E)	
SFD-09	G23 FURNITURE STORE	350x250 (S)	
SFD-10	G23 FURNITURE STORE	350x250 (S)	
SFD-11	G23 FURNITURE STORE	350x250 (E)	
SFD-12	G34 KITCHEN	250x150 (S)	
SFD-13	G34 KITCHEN	200x150 (E)	
SFD-14	G32 CAFE STORE	250Ø (S)	
SFD-15	G32 CAFE STORE	250x250 (E)	
SFD-16	G35 LOBBY	250x150 (S)	
SFD-17	G35 LOBBY	200x150 (E)	





CONSTRUCTION

LEGEND

- SUPPLY DIFFUSER
- EXTRACT DIFFUSER
- ROUND EXTRACT GRILLE
- SQUARE EXTRACT GRILLE
- EXTRACT FAN
- VOLUME CONTROL DAMPER
- ROOM SENSOR (RS)
- TRV REMOTE SENSOR (R)
- ROOM THERMOSTAT (T)
- HUMIDISTAT (H)
- HEATER BATTERY
- FIRE DAMPER (FD)
- SMOKE FIRE DAMPER (SFD)
- MECHANICAL VENTILATION HEAT RECOVERY UNIT (MVHR XX)
- AIR HANDLING UNIT (AHU XX)
- EXTRACT BELLMOUTH
- EXTRACT / SUPPLY LOUVRE
- ATTENUATOR
- WALL MOUNTED AC UNIT
- FIRE COMPARTMENT / BARRIER
- RADIATOR (RAD XX)
- LOW SERVICE TEMP RADIATOR (LST, RAD XX)
- ELECTRIC PANEL HEATER (EPH XX)
- ELECTRIC TUBULAR HEATER (ETH XX)
- ELECTRIC OVER DOOR HEATER
- ELECTRIC FAN CONVECTOR (EFC XX)
- RADIANT PANEL - LPHW (RP XX)
- RADIANT PANEL - ELECTRIC (E)
- UNDER FLOOR HEATING
- EXISTING TRENCH HEATER

NOTES

1. ALL SERVICE ROUTES DETAILED ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT ROUTES AND POSITIONS OF ALL INSTALLED SERVICES AND EQUIPMENT.
2. THE EXACT POSITION OF ALL SERVICES AND EQUIPMENT SHALL BE AGREED BY THE CONTRACT ADMINISTRATOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY CO-ORDINATING ANY SERVICES INSTALLED WITH THE BUILDING FABRIC AND SERVICES INSTALLED BY OTHERS.
4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACT DOCUMENTATION AND SPECIFICATION FOR THE WORKS.
5. THIS DRAWING FORMS PART OF THE SPECIFICATION FOR THE WORKS.
6. ALL DIMENSIONS SHOWN ARE IN MILLIMETRES.
7. DO NOT SCALE FROM THIS DRAWING.
8. EXISTING SERVICES SHOWN FAINT.

REV	DATE	REVISION DESCRIPTION
E	02-04-25	CONSTRUCTION ISSUE
D	05-03-25	CONSTRUCTION ISSUE
C	20-02-25	CONSTRUCTION ISSUE
B	27-08-24	CONSTRUCTION ISSUE
A	19-06-24	CONSTRUCTION ISSUE
T1	27-11-23	STAGE 4 TENDER ISSUE
P3	29-09-23	PRETENDER ISSUE.
P2	19-09-23	ISSUED FOR INFORMATION - UPDATED TO SUIT NEW BUILDING LAYOUT
P1	03-08-23	ISSUED FOR INFORMATION

CLIENT
Wrexham Museum

PROJECT
Wrexham Museum

TITLE
MECHANICAL SERVICES - PROPOSED HEATING AND VENTILATION SERVICES LAYOUT GROUND FLOOR - SHEET 2

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DRAWN BY	CHECKED	APPROVED BY
MW	GW	GW
SCALE	SIZE	DATE
1:50	A1	JULY 2023

DRAWING No: 4114-G-M103-S2 REV: E