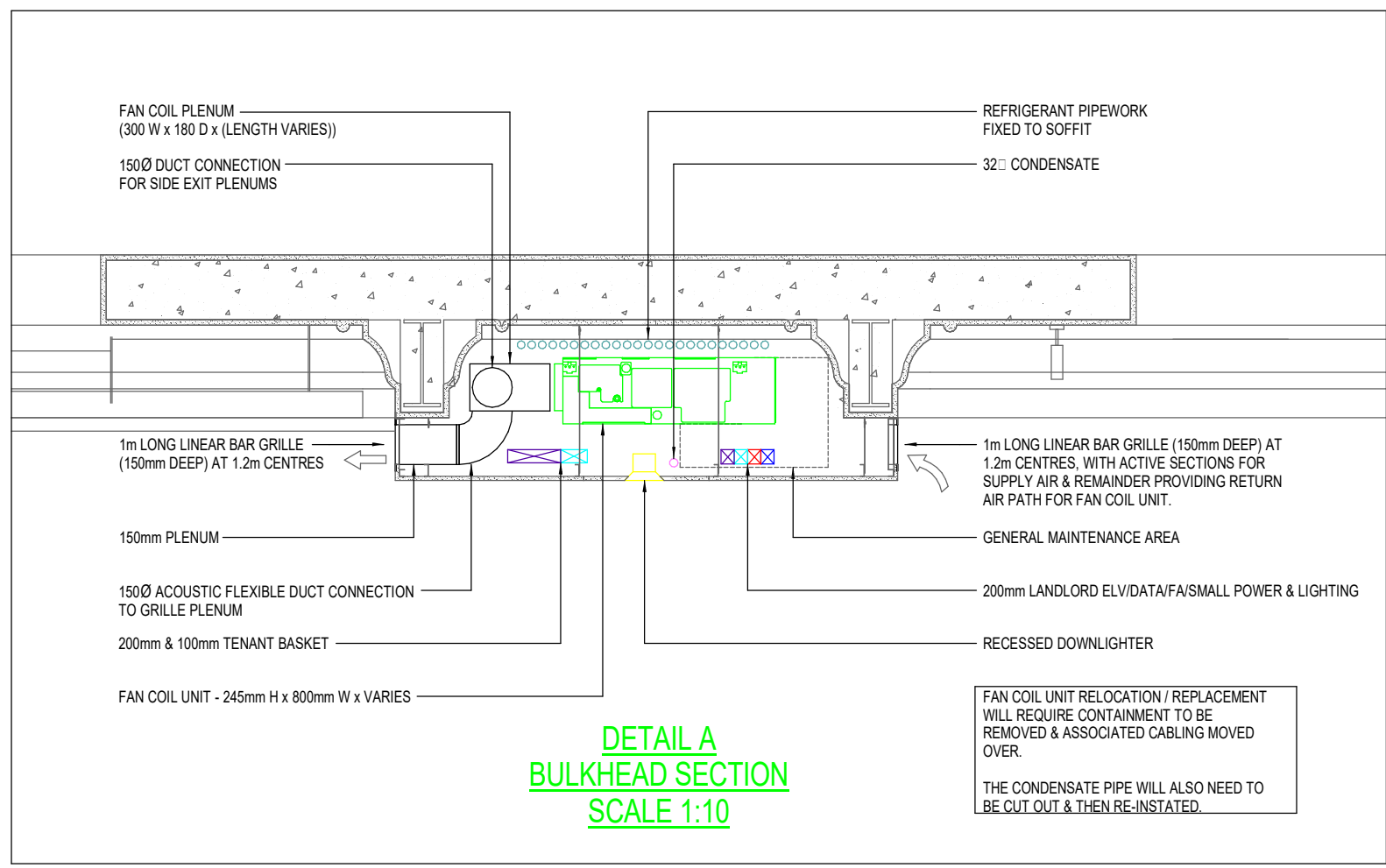




1 MECHANICAL SERVICES HEATING & COOLING LAYOUT LEVEL 05
1 : 100

- LEGEND:
- FCU FAN COIL UNIT
 - C AC CONTROL
 - S IQ SENSOR LINKED TO BMS
 - EGR ELECTRIC RADIATOR
 - BC BRANCH CONTROLLER BOX
 - SUPPLY GRILLE
 - CLG 133 SUSPENDED PLASTERBOARD BULKHEAD FINISHED IN PRT-191 INCLUDE CLG 911 ACCESS PANELS
 - ACCESS PANEL
 - EC AIR CURTAIN CONTROL
 - CD VARIABLE CONTROL DAMPER
 - WALL MOUNTED FCU UNIT
 - DX TRAY
 - CONDENSER

SIZE	MAX AIRFLOW (m³/s)	No. 1500 SPOTS	AIRFLOW PER SPOT (m³/s)	FCU CONNECTION LENGTH	FCU PLENUM ELEVATION	FCU PLENUM PLAN
15	145	3	48	342		
20	150	3	50	342		
25	150	3	50	342		
32	158	3	53	342		
40	250	5	50	492		
50	253	5	51	492		
63	350	6	58	792		
80	383	7	55	792		
100	553	9	59	1192		



THIS DRAWING IS FOR INFORMATION ONLY DO NOT SCALE

NO.	DATE	BY	REVISION
1	08/11/24	ISSUED FOR COMMENT & APPROVAL	DB SH
2	13/09/24	ISSUED FOR COMMENT & APPROVAL	DB SH
3	14/09/24	ISSUED FOR COMMENT & APPROVAL	DB SH
REV	DATE	AMENDMENTS	BY

- HEATING AND COOLING NOTES:
- THIS DRAWING IS SUBJECT TO COPYRIGHT AND NOT TO BE REPRODUCED UNLESS AUTHORISED.
 - THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTATION RELEVANT TO THIS PROJECT.
 - THE CONTRACTOR SHALL INCLUDE FOR FULLY CO-ORDINATING HIS WORKS, LIAISON WITH SUB-CONTRACTORS AND OTHER TRADES AND FOR THE PROVISION OF FULLY CO-ORDINATED WORKING DRAWINGS. THESE DRAWINGS SHALL BE COMPLETE AND THE NECESSARY PRINTS ISSUED TO ALL PARTIES CONCERNED ALLOWING SUFFICIENT TIME FOR A GENERAL REVIEW OF THE CONTENT, RECEIPT OF COMMENTS AND THE IMPLEMENTATION OF ANY ALTERATIONS REQUIRED BEFORE FINAL ISSUE AND THE COMMENCEMENT OF THE WORK INVOLVED.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LIAISE WITH ATTEND ON AND CO-ORDINATE THE WORKS OF ALL THE SPECIALIST SUPPLIERS AND INSTALLERS NAMED WITHIN TENDER DRAWINGS AND SCHEDULES. IF A CONFLICT OCCURS ON SITE WHICH IS A RESULT OF THE CONTRACTOR NOT COMPLYING WITH THE REQUIREMENTS OF THIS CLAUSE, THEN THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PAYMENT OF ANY COST INVOLVED IN RESOLVING THE CONFLICT.
 - THE TENDER DRAWINGS ARE INTENDED TO INDICATE THE GENERAL ARRANGEMENT OF THE INSTALLATION REQUIRED. THEY MAY NOT COVER EVERY DETAIL OR THE WHOLE OF THE WORK INVOLVED AND ARE DIAGNOSTIC IN CERTAIN PARTICULARS.
 - ALL CONDENSATE DRAIN SHALL HAVE CONDENSATE WATERLESS DRAIN TRAP FILLED PRIOR TO ANY CONNECTION TO THE SIPS.
 - CONTROLLERS CABLEING SHALL BE CONCEALED.

P03	08/11/24	ISSUED FOR COMMENT & APPROVAL	DB	SH
P02	13/09/24	ISSUED FOR COMMENT & APPROVAL	DB	SH
P01	14/09/24	ISSUED FOR COMMENT & APPROVAL	DB	SH
REV	DATE	AMENDMENTS	BY	CHK

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G&H
GROUP OF COMPANIES

CLIENT
G&H BUILDING SERVICES

PROJECT
SUNLIGHT HOUSE
LITTLE QUAY STREET
MANCHESTER M3 3HP

TITLE
MECHANICAL SERVICES
HEATING & COOLING LAYOUT
LEVEL 05

SCALE: 1:100

DATE: 08/11/24

DESIGN: CSD 1298

DRAWN: MW

ENGINEER: DB

STARTED: SEPTEMBER 24

ISSUED: NOVEMBER 24

REVISION: DB

APPROVED: BW

1298-CSD-XX-05-DR-M-5606

P03

ARCHITECTURE IS BASED ON ANOMALY DESIGN
ARCHITECTS DRAWING NO. SLH-AND-PO-05-DR-M-0101(01)
LEVEL 05 PLAN
12/03/2024