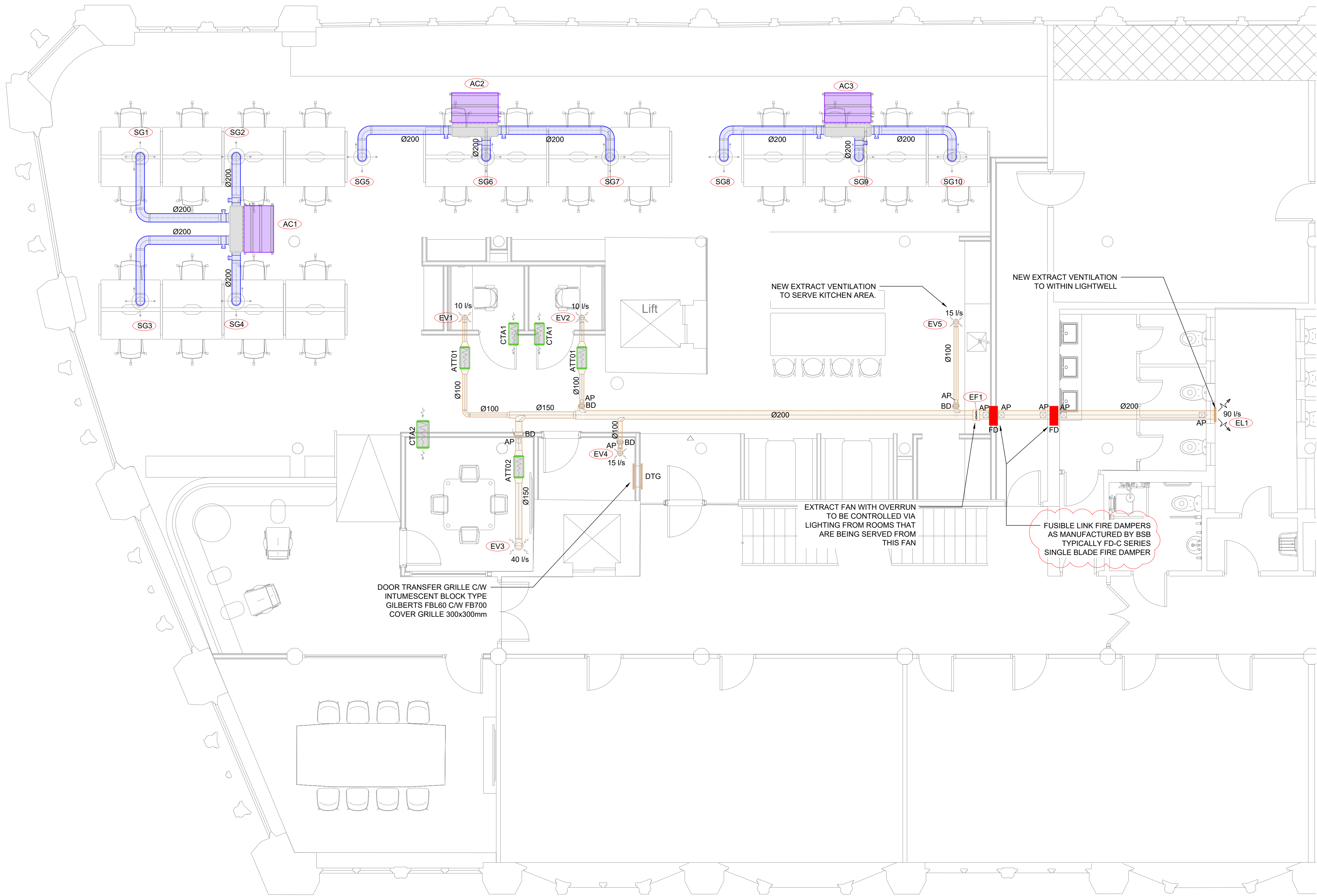


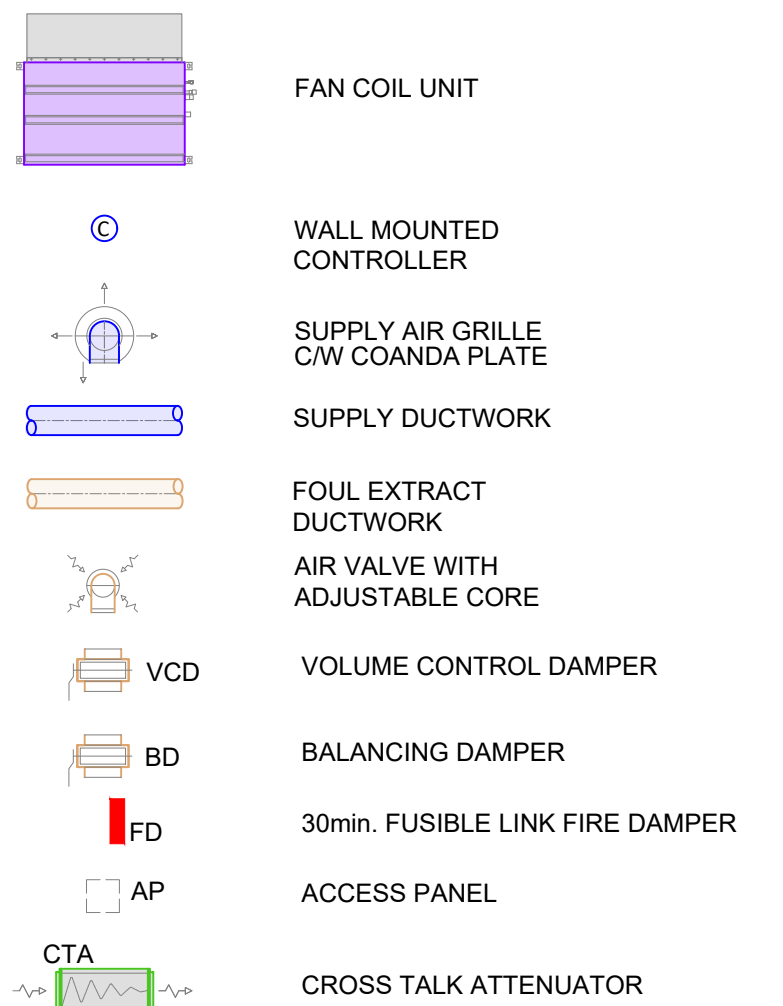
LEVEL 3



GENERAL NOTES

- THIS DRAWING IS SUBJECT TO COPYRIGHT AND IS NOT TO BE REPRODUCED IN PART OR WHOLE WITHOUT APPROVAL
- DO NOT SCALE THIS DRAWING - CHECK ALL DIMENSIONS ON SITE
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATION(S) AND ALL OTHER CONTRACT DOCUMENTATION
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
- FIXING TO BE DONE THROUGH EXISTING LIGHT FITTINGS
- New supply ductwork from Fan coils shall be internally insulated, exact details to be confirmed by Clients Consultant

VENTILATION LEGEND



P7 09/11/23 AL ATTENUATOR SELECTION ADDED

P6 07/11/23 AM COMMENTS INCORPORATED

P5 07/11/23 AM EXTRACT FAN MOVED TO TENANT'S DEMISE

P4 23/10/23 AM UPDATED TO NEW LAYOUT - FCUs MOVED

P3 11/10/23 AM NOTE 5 ADDED

P2 09/10/23 AM COMMENTS INCORPORATED

P1 20/09/23 AM PRELIMINARY ISSUE

Issue Date Eng Description

Status

PRELIMINARY



Harris Infrastructure Advisory
2nd Floor Metro
33 Trafford Road
Exchange quay 2
Salford
M5 3NN
Email : techroom@harrisinfra.com
Tel : 07921 733550

Scale 1:50 @A1 Date 20/09/23 Drawn AM Checked AL

Client Name MCGOFF FACILITIES SERVICES

Project Title CANADA HOUSE
3RD AND 4TH FLOOR
MANCHESTER

Drawing Title MECHANICAL SERVICES
VENTILATION LAYOUT
3RD FLOOR

Drq No 1096-HAR-XX-03-DR-M-5700 Rev P7

AIR VALVE SCHEDULE

REF.	MAKE	MODEL	FLOW RATE (l/s)	ΔP (Pa)	ADJUSTMENT	NOTE
EV1	GILBERTS	GX 125	10	11	+0 mm	EXTRACT
EV2	GILBERTS	GX 125	10	11	+0 mm	EXTRACT
EV3	GILBERTS	GX 200	40	17	+10 mm	EXTRACT
EV4	GILBERTS	GX 125	15	17	+6 mm	EXTRACT
EV5	GILBERTS	GX 125	15	17	+6 mm	EXTRACT

EXTERNAL LOUVRE SCHEDULE

REF.	MAKE	MODEL	SIZE (WxH) (mm)	FLOW RATE (l/s)	VELOCITY (m/s)	ΔP (Pa)	NOTE
EL1	GILBERTS	WG-38	300 x 300	90	2.5	17	RAL COLOUR TBC

AIR DIFFUSER SCHEDULE

REF.	MAKE	MODEL	FLOW RATE (l/s)	ΔP (Pa)	SIZE (mm)	NOTE
SG1	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG2	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG3	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG4	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG5	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG6	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG7	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG8	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG9	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,
SG10	GILBERTS	GSFA	-	<6	Ø250	C/W COANDA PLATE,

ATTENUATORS

REF.	MAKE	MODEL	AIRFLOW (l/s)	NOTE
ATT01	SK AIRVANCE	SAR-G50 100 L=900	10	TO ACHIEVE NR35
ATT02	SK AIRVANCE	SAR-G50 150 L=900	40	TO ACHIEVE NR35
CTA01	SK AIRVANCE	SAR-G50 100 L=900	10	TO ACHIEVE NR35
CTA02	SK AIRVANCE	SAR-G50 150 L=900	40	TO ACHIEVE NR35

EXTRACT FAN SCHEDULE

REF.	MAKE	MODEL	AIRFLOW (l/s)	PRES. (Pa)	NOISE (dBA)	NOTE
EF1	VENT-AXIA	ACM-200T	90	175	26 (at 3m)	LOW SPEED