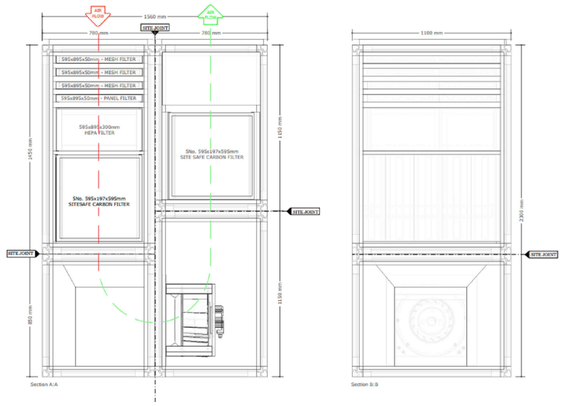
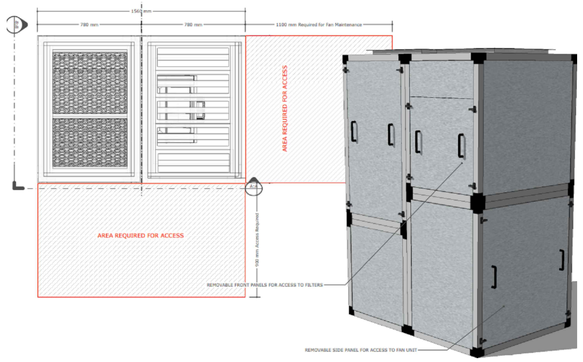
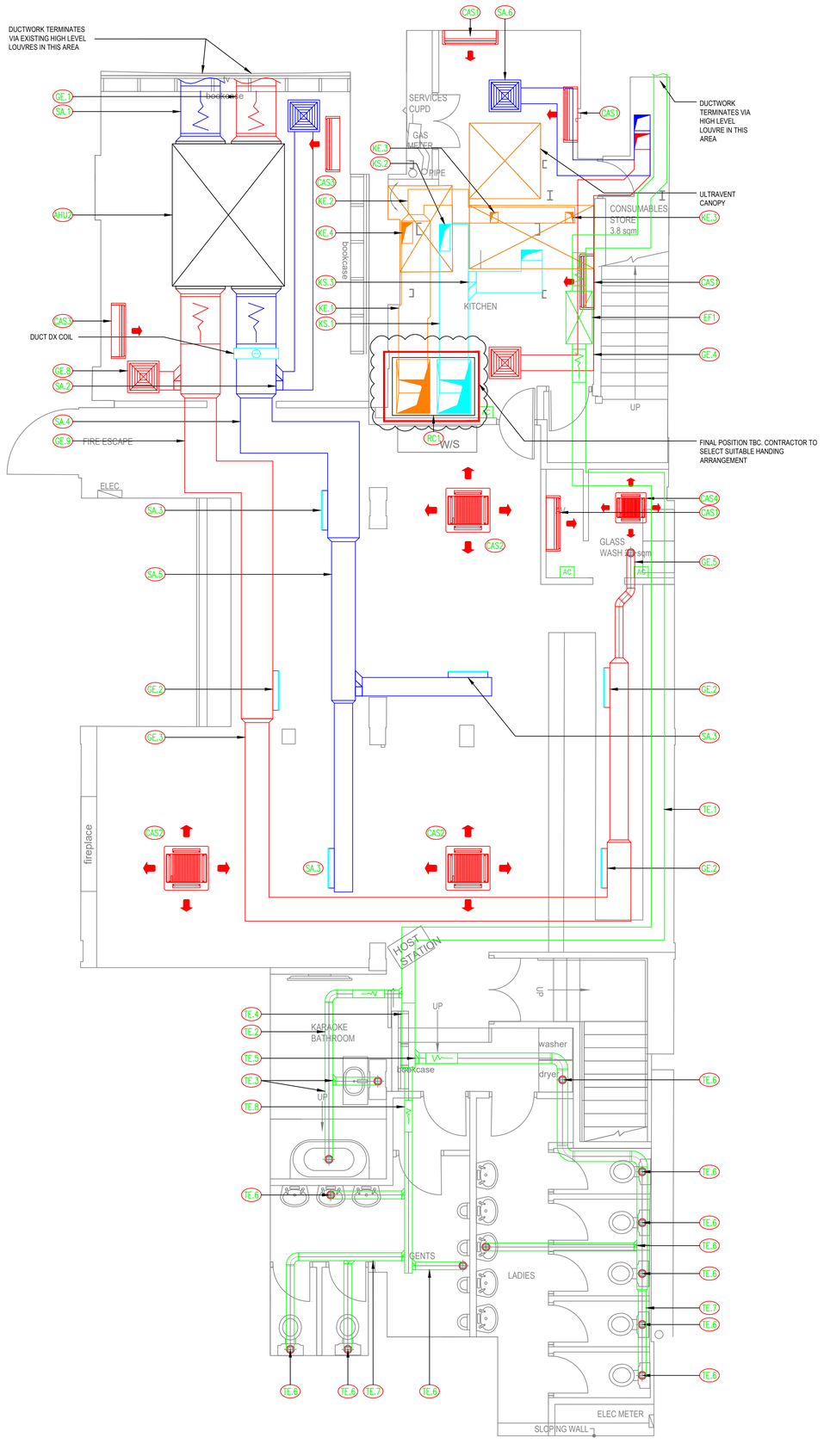
Do Not Scale.
All Figured Dimensions To Be Checked On Site Prior To Construction.
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PURIFIED AIR REFLOW TOWER

NTS



PLANT SCHEDULE

REF	MANUFACTURER	MODEL
AHU1	SWEGON	GOLD RX 11
AHU2	NUAIRE	XBC85-H-NES
RC1	PURIFIED AIR	1.5 REFLOW TOWER

REF	MANUFACTURER	MODEL	DIMENSIONS
L1	GDL	WH059+4C	910x700
L2	GDL	WH059+4C	910x700
L3	GDL	WH059+4C	910x700
L4	GDL	WH059+4C	910x1200
L5	GDL	WH059+4C	910x1200
L6	GDL	WH059+4C	910x1200
L7	GDL	WH059+4C	910x1200
L8	GDL	WH059+4C	910x1200
L9	GDL	WH059+4C	910x1200

REF	MANUFACTURER	MODEL	DUTY	PRESSURE
EF1	HELIOS	ITEC 315	0.27m3/s	200Pa

REF	MANUFACTURER	MODEL	COOLING	HEATING
CAS1	DAIKIN	FXAA-50A	5.6KW	6.3KW
CAS2	DAIKIN	FXFA-50A	5.6KW	6.3KW
CAS3	DAIKIN	FXAA-25A	2.8KW	3.2KW
CAS4	DAIKIN	FXZA-15A	1.7KW	1.9KW
CAS5	DAIKIN	FXAA-32A	3.6KW	4.0KW

REF	MANUFACTURER	MODEL
OU1	FUJITSU	AJY10ILELDH
OU2	DAIKIN	RXYSA6AV
OU3	DAIKIN	REYA-14A

LEGEND:

AC AC CONTROLLER

GENERAL NOTES:

1. ALL SERVICES/ROUTES THROUGHOUT BUILDING TO BE FULLY CO-ORDINATED ON SITE.

2. DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL INSTALLATION SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS.

3. DUCTWORK MATERIAL & INSTALLATION TO DW/144 CLASS 'A'.

4. FINAL DESIGN SHOP DRAWING AND DETAIL CO-ORDINATION DRAWINGS TO BE SUBMITTED FOR ENGINEER COMMENT PRIOR TO START ON SITE.

5. FIRE DAMPERS TO BE PROVIDED AT ALL PENETRATIONS THROUGH FIRE COMPARTMENTS, SEE ARCHITECT'S DRAWING FOR COMPARTMENTATION DETAILS.

6. DUCTWORK ACCESS DOORS TO BE PROVIDED ADJACENT TO EACH CHANGE OF DIRECTION, DAMPERS AND DUCT MOUNTED EQUIPMENT OR EVERY 10m.

7. PROVIDE VOLUME CONTROL DAMPERS ON ALL DUCTWORK BRANCHES.

8. FINAL CONNECTIONS TO CANOPIES TO BE CO-ORDINATED WITH KITCHEN INSTALLER. ALL CONNECTIONS TO CANOPIES TO BE PROVIDED WITH VCD'S FOR SYSTEM BALANCING.

SUPPLY AIR

SA_1	1.5	5.0	SA_2	0.4	3.3	SA_3	0.36	3.0
	750x400			350x350			350x350
SA_4	1.1	5.2	SA_5	0.72	4.6	SA_6	0.3	3.3
	600x350			450x350			300x300

GENERAL EXTRACT

GE_1	1.5	5.0	GE_2	0.36	3.0	GE_3	0.72	4.6
	750x400			350x350			450x350
GE_4	0.3	3.3	GE_5	0.02	1.1	GE_6	1.02	4.9
	300x300			150Ø			600x350
GE_7	0.78	5.0	GE_8	0.4	3.3	GE_9	1.1	5.2
	450x350			350x350			600x350

TOILET EXTRACT

TE_1	0.27	4.3	TE_2	0.06	3.4	TE_3	0.03	1.7
	250x250			150Ø			150Ø
TE_4	0.21	4.2	TE_5	0.12	3.8	TE_6	0.02	1.1
	250x200			200Ø			150Ø
TE_7	0.04	2.3	TE_8	0.08	4.5			
	150Ø			150Ø			

KITCHEN EXTRACT

KE_1	1.01	7.4	KE_2	0.46	7.6	KE_3	0.23	7.7
	550x250			300x200			200x150
KE_4	0.56	7.0						
	400x200							

KITCHEN SUPPLY AIR

KS_1	1.01	5.2	KS_2	0.56	5.6	KS_3	0.45	5.6
	550x350			500x200			400x200

Revision				
Rev	Description	By	App By	Date
P01	PRELIMINARY	JH		16/01/2026
P02	AMENDED FOLLOWING SURVEY	JH		12/02/2026
P03	REFLOW UNIT AMENDED	JH		13/02/2026

CLIENT: LITTLE DOOR

PROJECT: DEANSGATE

DRAWING TITLE: BASEMENT HVAC

DRAWN BY:	STATUS:	DATE:
J.HARPER	PRELIMINARY	JAN'26
PROJECT No.: L2811	REV: P03	SCALE: 1:50
DRAWING No.: L2811SK01		

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