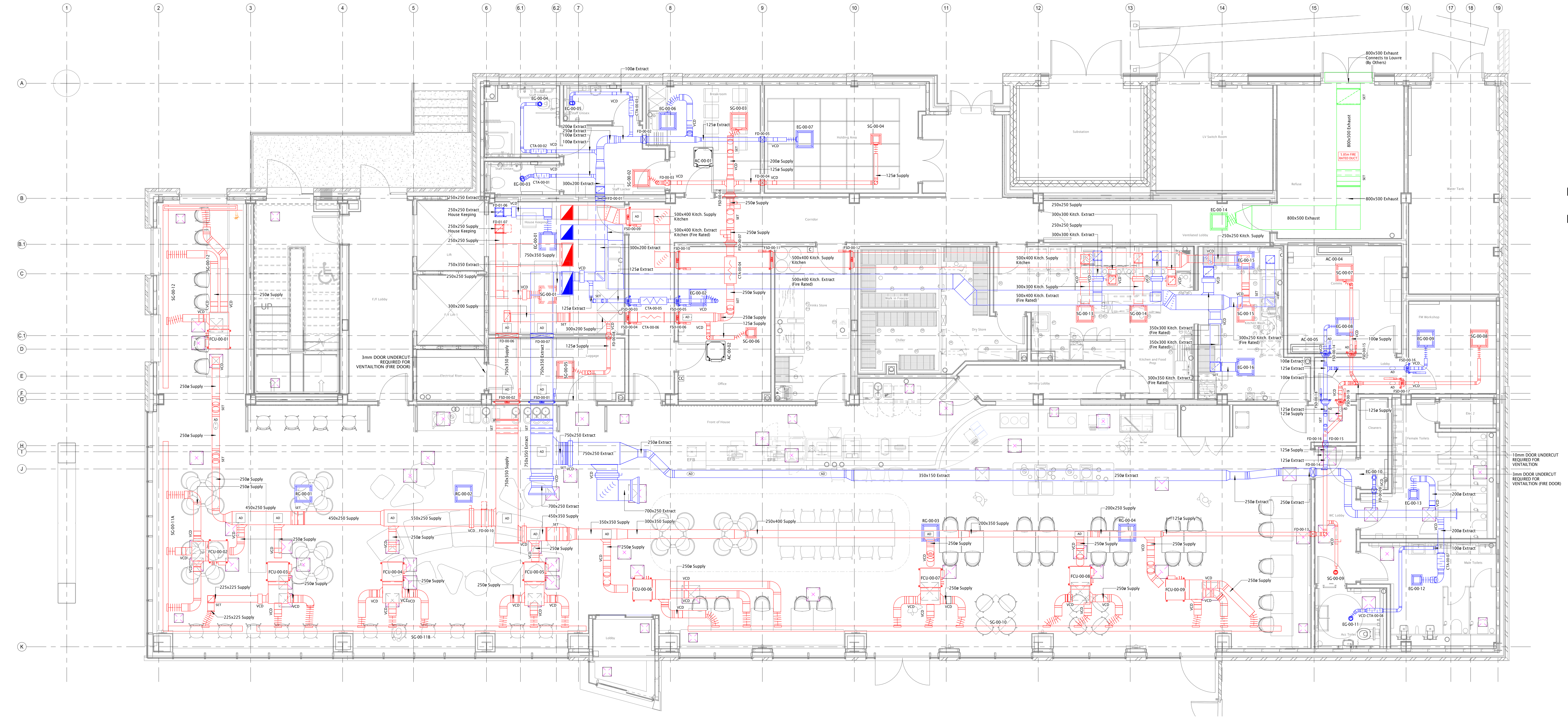


NOTES:
All dimensions must be checked on
site and not scaled from this drawing.

REV DESCRIPTION DATE BY
AF AS FITTED 09.05.23 MC



- GENERAL NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - INSULATION INSTALLED ON ALL F.A.I AND EXHAUST DUCTWORK.
 - W.C. DOORS ARE UNDERCUT TO PROVIDE VENTILATION PATH ROUTES (10mm).
 - ACCESS PANELS INSTALLED AS PER SECTION 20 & TABLE 15 OF DW/144 DOCUMENT.
 - TO BE READ IN CONJUNCTION WITH 50 SERIES GUEST ROOM LAYOUTS
 - PLEASE REFER TO GUEST ROOM LAYOUTS FOR ACCESS HATCH, FIRE DAMPERS & ATTENUATOR SPECIFICS.
 - ALL OFFSETS TAKEN FROM STRUCTURAL SLAB LEVEL.

VENTILATION LEGEND:

- MECHANICAL VENTILATION HEAT RECOVERY UNIT
- INLINE EXTRACT FAN
- SUPPLY AIR GRILLE
- EXTRACT AIR GRILLE
- SUPPLY AIR VALVE
- EXTRACT AIR VALVE
- CEILING ACCESS HATCH
- VCD - VOLUME CONTROL DAMPER
- FD - FIRE DAMPER
- AD - ACCESS DOOR

DUCTWORK ACCESS PANELS INSTALLED AS BELOW:

- VOLUME CONTROL DAMPERS - BOTH SIDES
- ATTENUATORS - BOTH SIDES
- INLINE FAN - ONE SIDE
- CHANGE OF DIRECTION - ONE SIDE
- INLET / EXHAUST LOUVRE - ONE SIDE
- FIRE DAMPERS - BOTH SIDES

DUCTWORK KEY:

- SUPPLY DUCT
- EXTRACT DUCT
- FRESH AIR INTAKE DUCT
- EXHAUST DUCT

Level 00 - Ventilation Layout

1 : 50

57 - Level 00 Supply Air Grille Schedule									
Ref	Location	Manufacturer	Model	Flow	Duct Diameter	Duct Height	Duct Width	Finish	
SG-00-01	House Keeping	RCM Air Products	SGD/S/4/10/S	227.0 L/s	0	250	250	9010	
SG-00-02	Staff Locker	RCM Air Products	SGD/M/4/R150/FO/S	30.0 L/s	125	0	0	9010	
SG-00-03	Breakroom	RCM Air Products	SGD/M/4/R225/FO/S	80.0 L/s	200	0	0	9010	
SG-00-04	Holding Area	RCM Air Products	SGD/S/4/70/S	50.0 L/s	125	0	0	9010	
SG-00-05	Luggage	RCM Air Products	SGD/M/4/R150/FO/S	30.0 L/s	125	0	0	9010	
SG-00-06	Office	RCM Air Products	SGD/S/4/70/S	50.0 L/s	125	0	0	9010	
SG-00-07	Comms	RCM Air Products	SGD/M/4/R150/FO/S	20.0 L/s	100	0	0	9010	
SG-00-08	FM Workshop	RCM Air Products	SGD/M/4/R150/FO/S	20.0 L/s	100	0	0	9010	
SG-00-09	WC Lobby	RCM Air Products	SEV/S/5/F3/W	11.0 L/s	100	0	0	WHITE	
SG-00-10	Front of House	RCM Air Products	SLD/25/32/2E/B/F6/S	936.0 L/s	250	0	0	9003	
SG-00-11A	Front of House	RCM Air Products	SLD/25/32/2E/B/F6/S-MC	924.0 L/s	250	0	0	9003	
SG-00-11B	Front of House	RCM Air Products	SLD/25/32/2E/B/F6/S	312.0 L/s	250	0	0	9003	
SG-00-12	Front of House	RCM Air Products	SLD/25/32/2E/B/F6/S-MC	234.0 L/s	250	0	0	9003	
SG-00-13	Kitchen & Food Prep	RCM Air Products	SGD/S/4/70/S	280.0 L/s	350	300	300	9010	
SG-00-14	Kitchen & Food Prep	RCM Air Products	SGD/S/4/70/S	310.0 L/s	350	300	300	9010	
SG-00-15	Kitchen wash	RCM Air Products	SGD/S/4/70/S	310.0 L/s	350	250	250	9010	

57 - Level 00 Extract Air Grille Schedule									
Ref	Location	Manufacturer	Grille Model	Flow	Duct Diameter	Duct Height	Duct Width	Finish	
EG-00-01	House Keeping	RCM Air Products	SGD/S/4/70/S	227.0 L/s	0	250	250	9010	
EG-00-02	Office	RCM Air Products	SGD/M/4/R225/FO/S	50.0 L/s	125	0	0	9010	
EG-00-03	Staff Unisex	RCM Air Products	SEV/S/5/F3/W	13.0 L/s	100	0	0	WHITE	
EG-00-04	Staff Unisex	RCM Air Products	SEV/S/5/F3/W	22.0 L/s	100	0	0	WHITE	
EG-00-05	Staff Unisex	RCM Air Products	SEV/S/5/F3/W	13.0 L/s	100	0	0	WHITE	
EG-00-06	Breakroom	RCM Air Products	SGD/M/4/R225/FO/S	80.0 L/s	200	0	0	9010	
EG-00-07	Holding Area	RCM Air Products	SGD/M/4/R225/FO/S	50.0 L/s	125	0	0	9010	
EG-00-08	Comms	RCM Air Products	SGD/M/4/R150/FO/S	20.0 L/s	100	0	0	9010	
EG-00-09	FM Workshop	RCM Air Products	SGD/M/4/R150/FO/S	20.0 L/s	100	0	0	9010	
EG-00-10	Cleaners	RCM Air Products	SEV/S/5/F3/W	11.0 L/s	100	0	0	WHITE	
EG-00-11	Acc Toilets	RCM Air Products	SEV/S/5/F3/W	17.0 L/s	100	0	0	WHITE	
EG-00-12	Male Toilets	RCM Air Products	SGD/S/4/70/S	54.0 L/s	200	0	0	9010	
EG-00-13	Female Toilets	RCM Air Products	SGD/S/4/70/S	64.0 L/s	200	0	0	9010	
EG-00-14	Ventilated Lobby	RCM Air Products	SGD/S/4/70/S	0.0 L/s	0	800	500	9010	
EG-00-15	Kitchen wash	RCM Air Products	SGD/S/4/70/S	365.0 L/s	0	350	300	9010	
EG-00-16	Kitchen wash	RCM Air Products	SGD/S/4/70/S	365.0 L/s	0	350	300	9010	

57 - Level 00 Return Air Grille Schedule					
Ref	Location	Manufacturer	Model	Flow	Finish
RG-00-01	Front of House	RCM Air Products	SPL-SWC/S/8/3	0.0 L/s	9003
RG-00-02	Front of House	RCM Air Products	SPL-SWC/S/8/3	0.0 L/s	9003
RG-00-03	Front of House	RCM Air Products	SPL-SWC/S/8/3	0.0 L/s	9003
RG-00-04	Front of House	RCM Air Products	SPL-SWC/S/8/3	0.0 L/s	9003

57 - Level 00 - FCU Schedule									
Ref	Location	Manufacturer	Model	Height	Width	Airflow Rate (m ³ /s)	Cooling Capacity (kW)	Heating Capacity (kW)	
FCU-00-01	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-02	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-03	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-04	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-05	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-06	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-07	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-08	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	
FCU-00-09	Front of House	Panasonic	S-36MFZESA	200	750	0.233	3.6	4.2	

55 - Level 00 - AC Schedule									
Ref	Location	Manufacturer	Model	Height (mm)	Width (mm)	Airflow Rate (m ³ /s)	Cooling Capacity (kW)	Heating Capacity (kW)	
AC-00-01	Breakroom	Panasonic	S-15MZYESA	620	650	0.148	1.5	1.7	
AC-00-02	Office	Panasonic	S-15MZYESA	620	650	0.148	1.5	1.7	
AC-00-04	Comms	Panasonic	S-6010PK3E	365	1170	0.333	7.1	7.1	
AC-00-05	Comms	Panasonic	S-6010PK3E	365	1170	0.333	7.1	7.1	

0m 2m 4m 6m 8m 10m

VISUAL SCALE 1:100 @ A0

Client



Job Title

Rochdale Riverside Ph2, Hampton by Hilton

Drawing Title

AS FITTED

Level 00 - Ventilation & AC Layout

Date

22.03.22

Scale # A0

1 : 50

Drawing Number

RR2-AME-82-00-DR-M-57001

Drawn by

M.D.

Status

CR

Check by

A.W.

Revision

AF