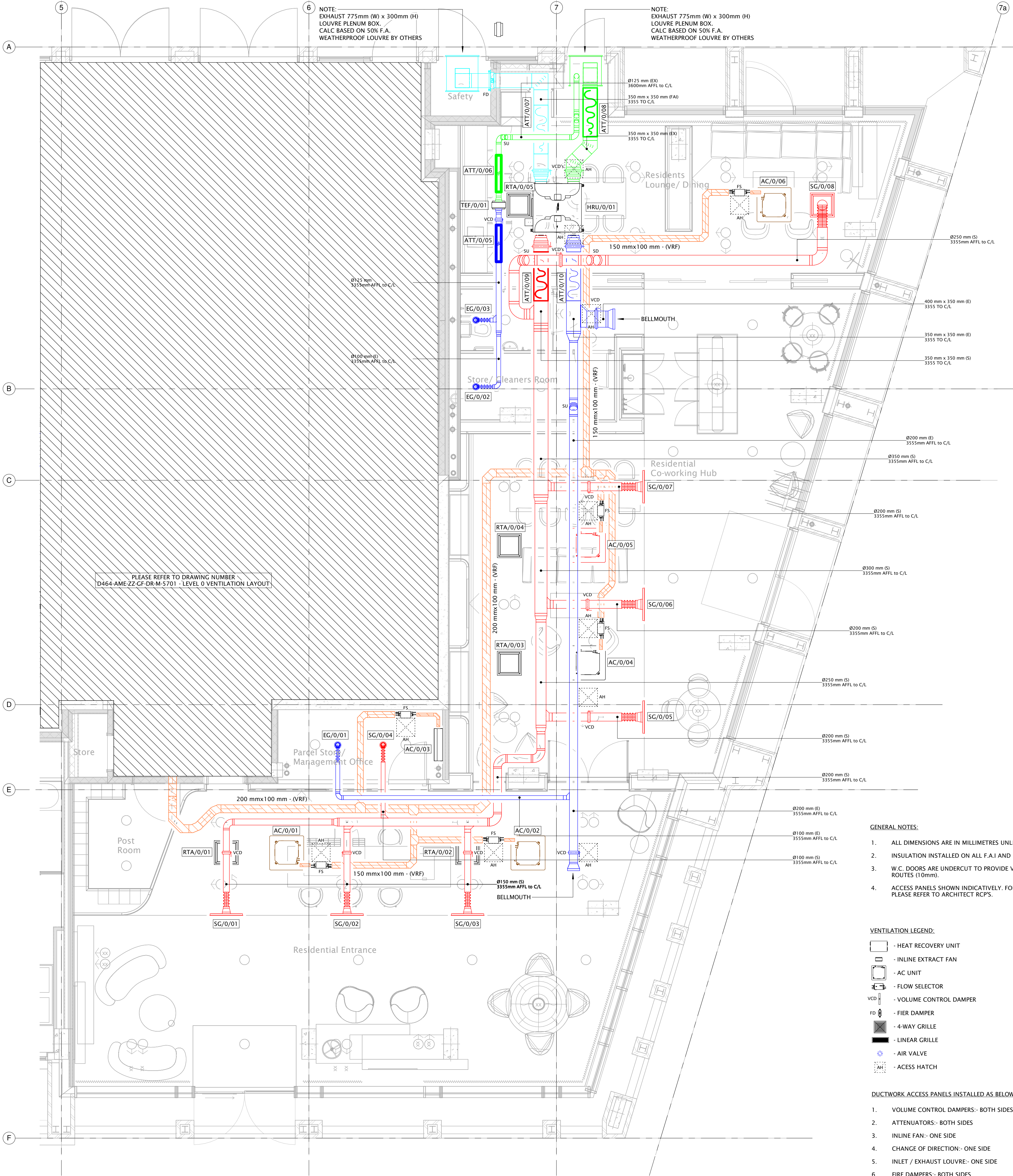


NOTES:
All dimensions must be checked on site and not scaled from this drawing.

Ref.	Date	Revisions	By
C01	16.03.22	PRELIMINARY ISSUE	J.B.



- 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 SHOWN INDICATIVELY. FOR FINAL SETTING OUT PLEASE REFER TO ARCHITECT RCP'S.

- VENTILATION LEGEND:
- HEAT RECOVERY UNIT
 - INLINE EXTRACT FAN
 - AC UNIT
 - FLOW SELECTOR
 - VOLUME CONTROL DAMPER
 - FIER DAMPER
 - 4-WAY GRILLE
 - LINEAR GRILLE
 - AIR VALVE
 - ACCESS HATCH

- 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

Ground Floor Amenity Space AC & Ventilation Layout

MECHANICAL SCHEDULE:

AIR CONDITIONING SCHEDULE:

Ref	Description	Manufacturer	Model/Type	Depth (mm)	Width (mm)	Height (mm)	Weight (kg)	Cooling (kW)	Heating (kW)
AC/0/01	Residents Lobby	Toshiba	MMU-UP0361HP-E	840	840	319	25	11.2	12.5
AC/0/02	Residents Lobby	Toshiba	MMU-UP0361HP-E	840	840	319	25	11.2	12.5
AC/0/03	Office	Toshiba	MMK-UP0051HP-E	230	798	293	11	1.7	1.9
AC/0/01	Co-Working Hub	Toshiba	MMU-UP0241HP-E	840	840	256	20	7.1	8.0
AC/0/02	Co-Working Hub	Toshiba	MMU-UP0241HP-E	840	840	256	20	7.1	8.0
AC/0/02	Residents Lounge	Toshiba	MMU-UP0241HP-E	840	840	256	20	7.1	8.0

HRU SCHEDULE:

Ref	Description	Manufacturer	Model/Type	Depth (mm)	Width (mm)	Height (mm)	Weight (kg)	Duty (m ³ /s)	Design ESP (Pa)	Max SFP (W/1/s)
HRU/0/01	Residents Lounge	Toshiba	VN-M1500HE1	1189	1189	810	242	0.464	289	t.b.c.

EXTRACT FAN SCHEDULE:

Ref	Description	Manufacturer	Model/Type	Depth (mm)	Diameter (mm)	Weight (kg)	Duty (m ³ /s)	Design ESP (Pa)	Max SFP (W/1/s)
TEF/0/01	Residents Lounge	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	0.034	123	t.b.c.

ATTENUATOR SCHEDULE:

Ref	Associated Equipment	Description	Manufacturer	Model/Type	Width (mm)	Height (mm)	Length (mm)	Volume (L/s)	PL (Pa)	Weight (Kg)
ATT/0/05	TEF/0/01	Extract	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.
ATT/0/06	TEF/0/01	Exhaust	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.
ATT/0/07	HRU/0/01	F.A.I	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.
ATT/0/08	HRU/0/01	Exhaust	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.
ATT/0/09	HRU/0/01	Supply	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.
ATT/0/10	HRU/0/01	Extract	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.	t.b.c.

SUPPLY GRILLE SCHEDULE

REF.	LOCATION	MANUFACTURER	MODEL REF.	TYPE	COLOUR	NECK (mm)	OVERALL (mm)	VOLUME (L/s)	PRESSURE DROP (Pa)	NR
SG/0/01	RESIDENTS LOBBY	T.B.C.	T.B.C.	LINEAR	T.B.C.	T.B.C.	T.B.C.	37	T.B.C.	-
SG/0/02	RESIDENTS LOBBY	T.B.C.	T.B.C.	LINEAR	T.B.C.	T.B.C.	T.B.C.	37	T.B.C.	-
SG/0/03	RESIDENTS LOBBY	T.B.C.	T.B.C.	LINEAR	T.B.C.	T.B.C.	T.B.C.	37	T.B.C.	-
SG/0/04	OFFICE	T.B.C.	T.B.C.	AIR VALVE	T.B.C.	T.B.C.	T.B.C.	10	T.B.C.	-
SG/0/05	CO-WORKING HUB	T.B.C.	T.B.C.	LINEAR	T.B.C.	T.B.C.	T.B.C.	78	T.B.C.	-
SG/0/06	CO-WORKING HUB	T.B.C.	T.B.C.	LINEAR	T.B.C.	T.B.C.	T.B.C.	78	T.B.C.	-
SG/0/07	CO-WORKING HUB	T.B.C.	T.B.C.	LINEAR	T.B.C.	T.B.C.	T.B.C.	78	T.B.C.	-
SG/0/08	RESIDENTS LOUNGE	T.B.C.	T.B.C.	3-WAY	T.B.C.	T.B.C.	T.B.C.	110	T.B.C.	-

EXTRACT GRILLE SCHEDULE

REF.	LOCATION	MANUFACTURER	MODEL REF.	TYPE	COLOUR	NECK (mm)	OVERALL (mm)	VOLUME (L/s)	PRESSURE DROP (Pa)	NR
RTA/0/01	RESIDENTS LOBBY	T.B.C.	T.B.C.	EGG CRATE	T.B.C.	T.B.C.	T.B.C.	55	T.B.C.	-
RTA/0/02	RESIDENTS LOBBY	T.B.C.	T.B.C.	EGG CRATE	T.B.C.	T.B.C.	T.B.C.	55	T.B.C.	-
RTA/0/03	CO-WORKING HUB	T.B.C.	T.B.C.	EGG CRATE	T.B.C.	T.B.C.	T.B.C.	100	T.B.C.	-
RTA/0/04	CO-WORKING HUB	T.B.C.	T.B.C.	EGG CRATE	T.B.C.	T.B.C.	T.B.C.	100	T.B.C.	-
RTA/0/05	RESIDENTS LOUNGE	T.B.C.	T.B.C.	EGG CRATE	T.B.C.	T.B.C.	T.B.C.	110	T.B.C.	-
EG/0/01	OFFICE	T.B.C.	T.B.C.	AIR VALVE	T.B.C.	T.B.C.	T.B.C.	10	T.B.C.	-
EG/0/02	CLEANERS ROOM	T.B.C.	T.B.C.	AIR VALVE	T.B.C.	T.B.C.	T.B.C.	13	T.B.C.	-
EG/0/03	W.C.	T.B.C.	T.B.C.	AIR VALVE	T.B.C.	T.B.C.	T.B.C.	21	T.B.C.	-

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

VISUAL SCALE 1:100 @ A1



New Cross, Oldham Road

Level 0 Amenity Space
Mechanical Services Layout

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Date
February 2023

Scale @ A1
As indicated

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D464-AME-ZZ-00-DR-M-5044

Drawn by
J.B.

Status
Preliminary

Revision
P01

Check by
J.B.