HEAT RECOVERY UNIT SCHEDULE

REFERENCE:	SUPPLY DUTY (m^3/s)	EXTRACT DUTY (m^3/S)	RESISTANCE (Pa)	DIMENSIONS (WxDxH)	WEIGHT (Kg)	ELECTRICAL DETAILS	RC (A)	FUSE RATING (A)	MANUFACTURER	MODEL
HRU01	0.03	0.03	20	620x200x265	7.5	1PH, 240v 50Hz	34W	6	MITSUBISHI	VL-100U_6-E
HRU02	0.02	0.02	20	620x200x265	7.5	1PH, 240v 50Hz	34W	6	MITSUBISHI	VL-100U_6-E

EXTRACT FAN SCHEDULE

REFERENCE:	DUTY (m^3/s)	RESISTANCE (Pa)	DIMENSIONS (LxWxH)	WEIGHT (Kg)	ELECTRICAL DETAILS	MANUFACTURER	MODEL
EF01	0.095	20	201x400x400	3.88	1PH, 240v, 50Hz, 26W	VORTICE	230/9" ARI
EF02	0.008	10	77x159x159	0.51	1PH, 240v, 50Hz, 15W	VORTICE	MF 100/4"
EF03	0.008	10	77x159x159	0.51	1PH, 240v, 50Hz, 15W	VORTICE	MF 100/4"

SUPPLY FAN SCHEDULE

REFERENCE:	DUTY (m^3/s)	RESISTANCE (Pa)	DIMENSIONS (LxWxH)	WEIGHT (Kg)	ELECTRICAL DETAILS	MANUFACTURER	MODEL
SF01	0.095	45	205x336X336	4.1	1PH, 240v, 50Hz, 102W	SYSTEMAIR	K 200 M SILEO

SUPPLY GRILLE SCHEDULE

REFERENCE:	LOCATION	TYPE	SIZE (mm)	SPIGOT SIZE	DUTY (m^3/s)	MANUFACTURER	MODEL
SG01	ISB	4 WAY DIFFUSER	300x300	200Ø	0.095	AIR DIFFUSION	DF-41/300/300/PPM9010

LOUVRE SCHEDULE

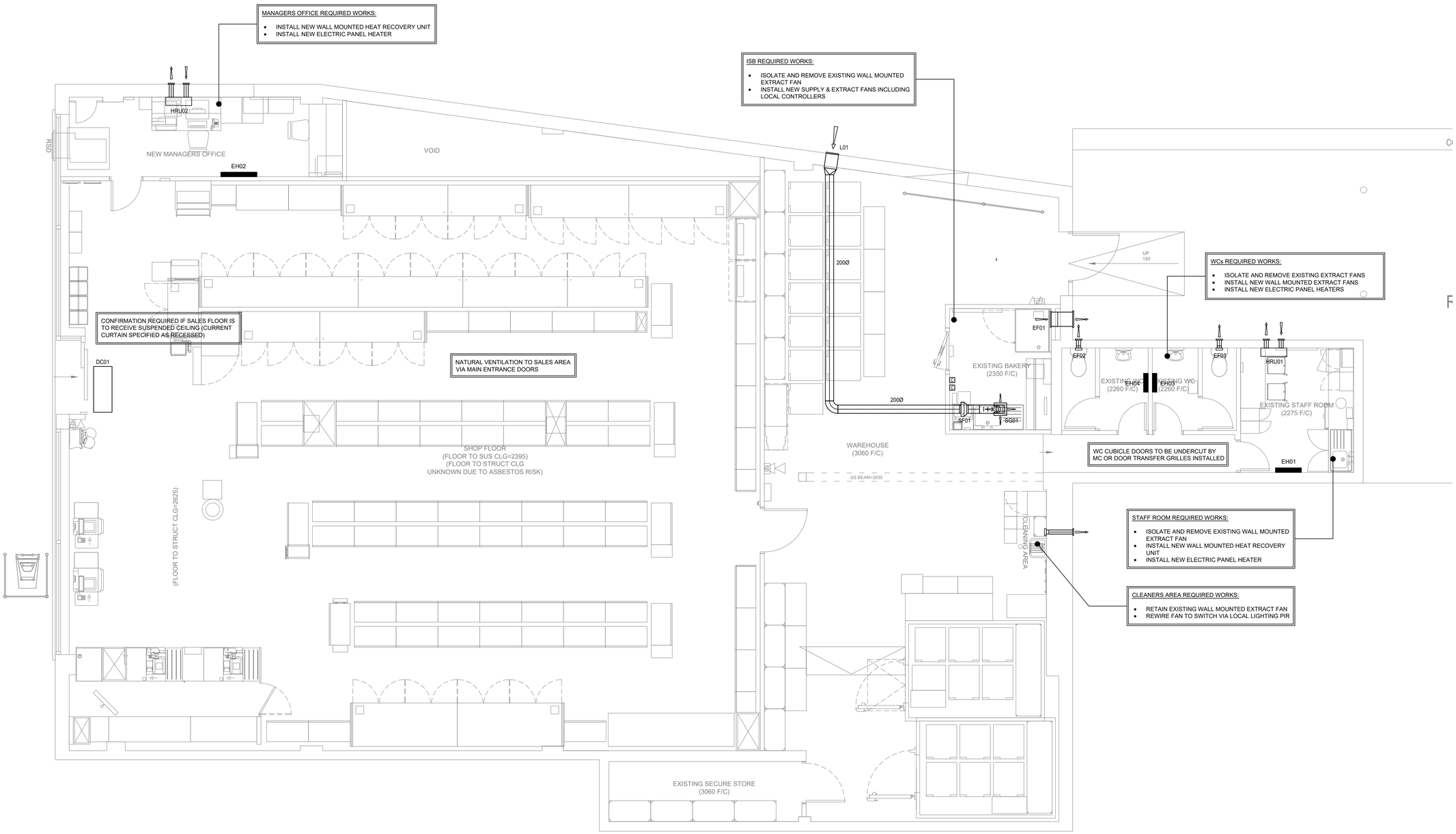
REFERENCE:	SIZE	PLENUM SIZE (WxDxH)	DUTY (m^3/s)	MANUFACTURER	TYPE	MODEL
L01	300x300	300x350x300	0.095	HVC	EXTERNAL LOUVRE 38mm PITCH	WL38 - BM - FH - 50FD - RALTBA

ELECTRIC HEATER SCHEDULE

REFERENCE:	LOCATION	MODEL	MANUFACTURER	DIMENSIONS (WxDxH)	OUTPUT (KW)
EH01	STAFF ROOM	PLX100E	DIMPLEX	620x108x430	1.0
EH02	OFFICE	PLX200E	DIMPLEX	860x108x430	2.0
EH03	WC	PLX050E	DIMPLEX	450x108x430	0.5
EH04	WC	PLX050E	DIMPLEX	450x108x430	0.5

DOOR CURTAIN SCHEDULE

REFERENCE:	LOCATION	MODEL	MANUFACTURER	DIMENSIONS (WxDxH)	OUTPUT (KW)	ELECTRICAL
DC01	RETAIL	GR1000A	REZNOR	1094x440x306	-	240v, 50Hz, 1PH, 1.29A



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General Notes:

1. This design has been produced using relevant installers and manufacturers based on the typical design of a model Coop store layout and should be read in conjunction with all other relevant project drawings and specifications.
2. The system is designed and installed in accordance with all relevant British Standards, Regulations, and Codes of practice and methods of working.
3. Any conflict in design is to be highlighted and appropriate action / approval given prior to alterations being carried out.

DUCTWORK & VENTILATION NOTES:

1. INSTALLATION SHALL COMPLY FULLY WITH MANUFACTURERS RECOMMENDATIONS, CURRENT REGULATIONS AND CODES OF PRACTICE.
2. SITE MEASUREMENTS SHALL BE TAKEN PRIOR TO MANUFACTURING OF DUCTING.

DUCTWORK & VENTILATION LEGEND:

- EXTRACT GRILLE
- SUPPLY GRILLE
- AIR VALVE
- FIRE DAMPER
- VCD — VOLUME CONTROL DAMPER
- FC — FAN CONTROLLER

Rev	Date	Description	By	Chk
-	15/04/25	First issue	RM	MG

Status: FOR APPROVAL

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Drawing Title:
MECHANICAL SERVICES
Ventilation & Electric Heating Layout

Drawing No	Revision
C3199 - 25 - M - 01	-

Scale	Date	Engineer	Checked
1:50 @ A1	APR 25	RM	MG