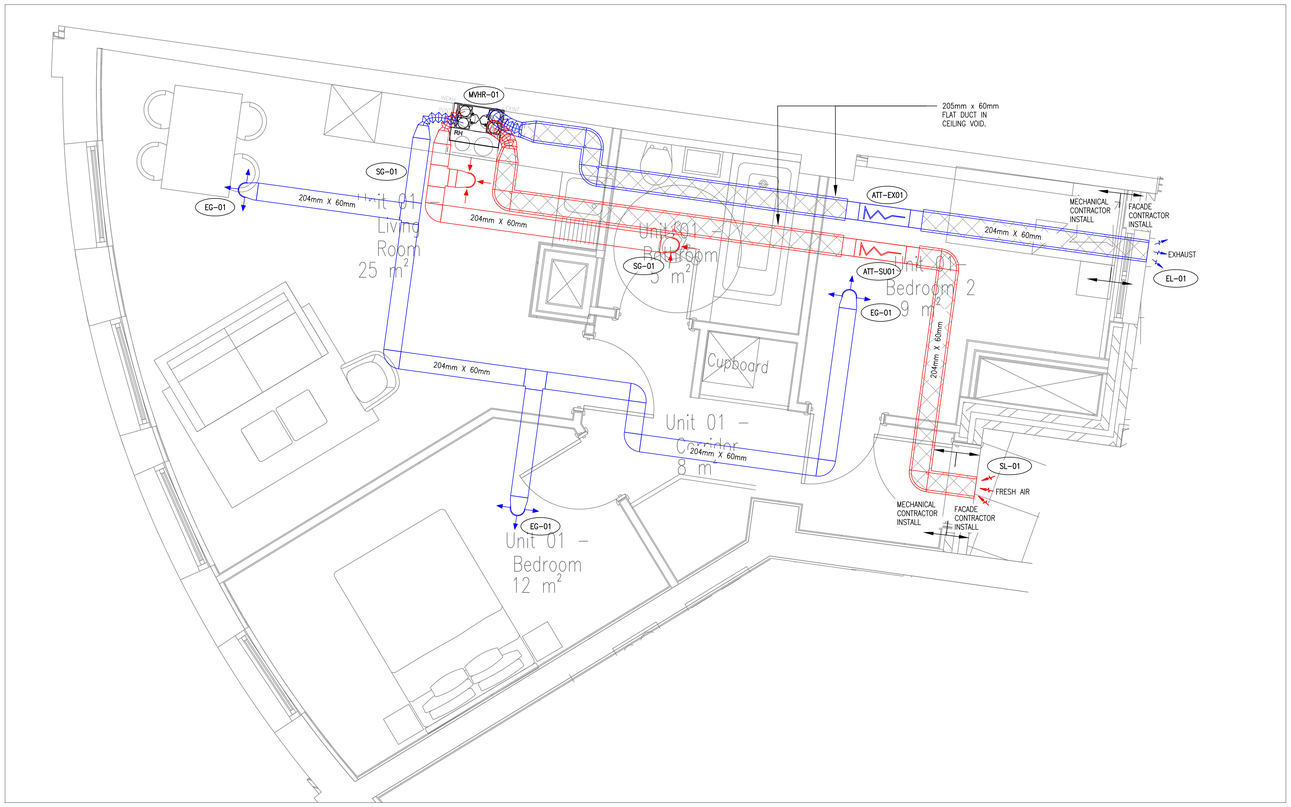
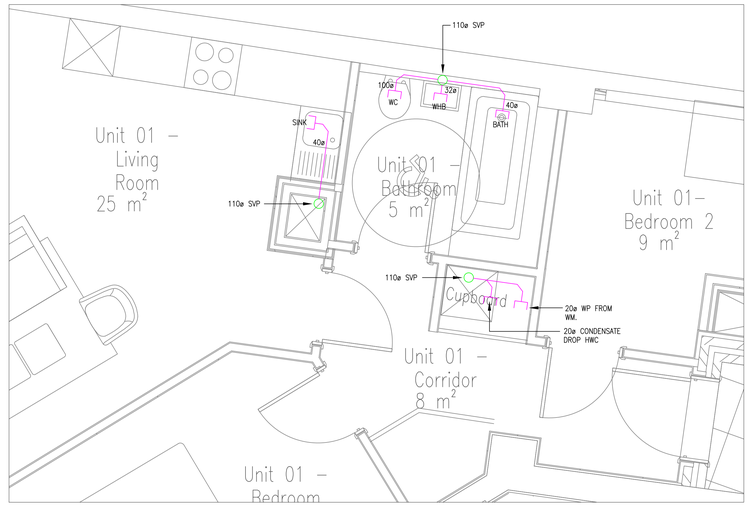
A0

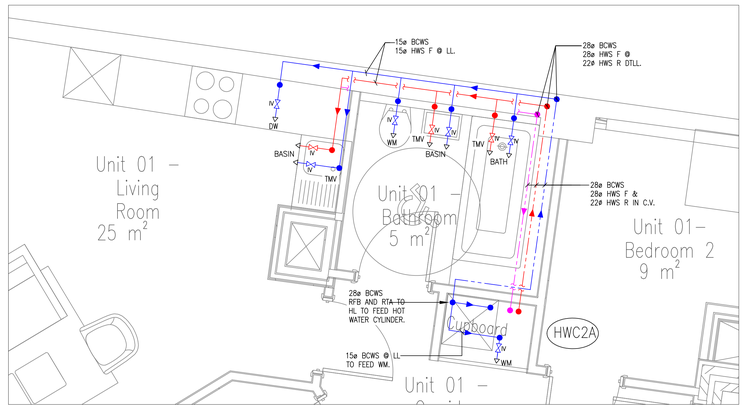
10cm SCALE WITH CAUTION use both scale bars to check for reduction or distortion



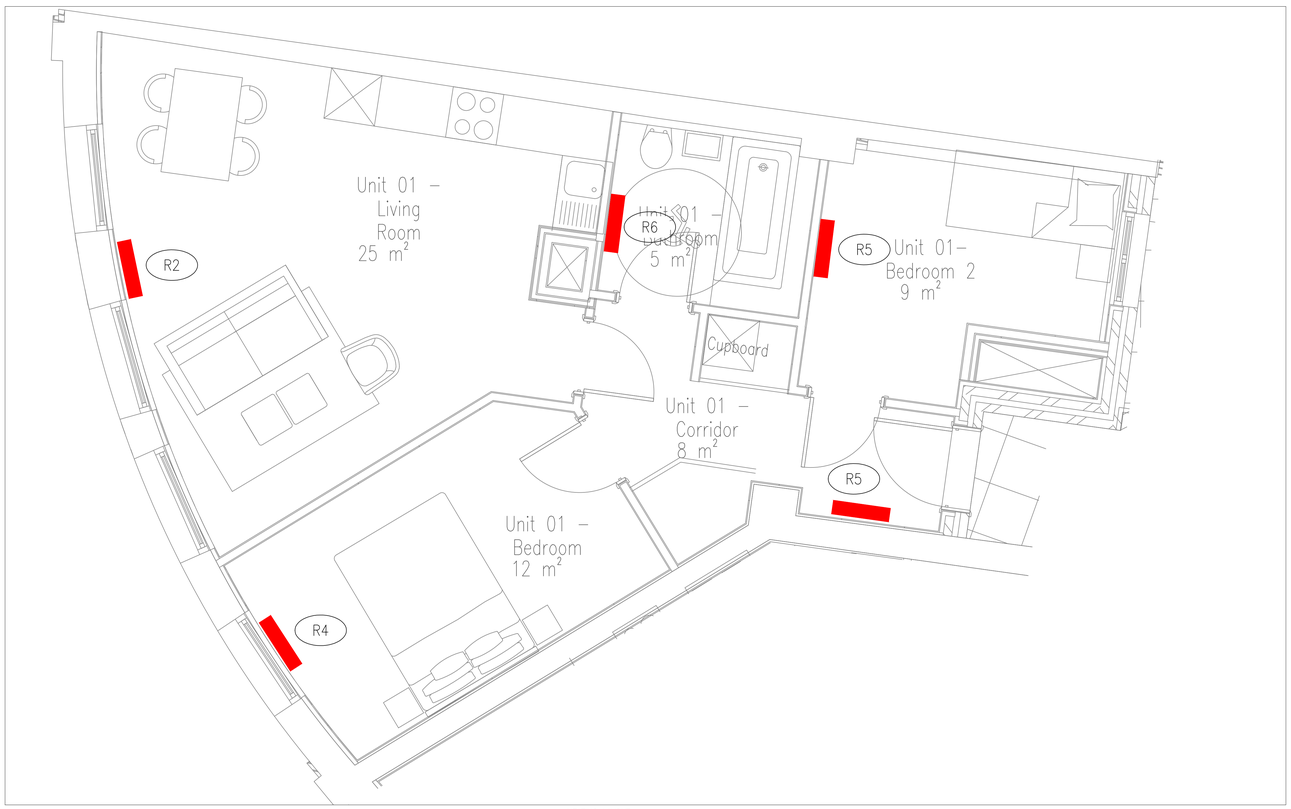
VENTILATION LAYOUT



ABOVE GROUND DRAINAGE LAYOUT



DOMESTIC SERVICES LAYOUT



HEATING LAYOUT

RADIATOR SCHEDULE

REFERENCE	LOCATION	MANUFACTURER	MODEL	SELECTED RADIATOR OUTPUT (Watts)	CASING DIMENSIONS Height(mm) – Length (mm)	ANCILLARIES
R1	VARIOUS	DIMPLEX	DIMPLEX PLX2000-TI	2000	430 x 860	TO C/W WALL BRACKET AND THERMOSTAT & 7 DAY PROGRAMMER
R2	VARIOUS	DIMPLEX	DIMPLEX PLX1500-TI	1500	430 x 690	TO C/W WALL BRACKET AND THERMOSTAT & 7 DAY PROGRAMMER
R3	VARIOUS	DIMPLEX	DIMPLEX PLX1000-TI	1000	430 x 620	TO C/W WALL BRACKET AND THERMOSTAT & 7 DAY PROGRAMMER
R4	VARIOUS	DIMPLEX	DIMPLEX PLX750-TI	750	430 x 620	TO C/W WALL BRACKET AND THERMOSTAT & 7 DAY PROGRAMMER
R5	VARIOUS	DIMPLEX	DIMPLEX PLX500-TI	500	430 x 450	TO C/W WALL BRACKET AND THERMOSTAT & 7 DAY PROGRAMMER
R6	VARIOUS	DIMPLEX	DIMPLEX TDTR350W	350	843 x 602	TO C/W WALL BRACKET AND THERMOSTAT

NOTES:
Manufactured by Dimplex or Equal and Approved

ELECTRIC HOT WATER CYLINDER SCHEDULE

REFERENCE	LOCATION	MANUFACTURER	MODEL	COIL RATING (KW)	Power (w)	DIA X HEIGHT(MM)	WEIGHT (KG)	HEAT LOSS KWH/D	NOTES
HWC1	VARIOUS	OSO	SXD-120	3	240	570ø x 870	27	1.06	TO BE INSTALLED NEXT TO WASHING MACHINE IN CUPBPOARD
HWC2A	VARIOUS	OSO	SXD-150	6	240	570ø x 1050	34	1.30	TO BE INSTALLED ABOVE TO WASHING MACHINE IN CUPBOARD
HWC2B	VARIOUS	OSO	SXD-150	6	240	570ø x 105	34	1.30	TO BE INSTALLED NEXT TO WASHING MACHINE IN CUPBPOARD

NOTES:
Manufactured by OSO or Equal and Approved

FLOOR LEVEL:
– First Floor
–
–
–
BACKGROUND: A 100 003 – RECEIVED 30.07.17

This Drawing shall be issued only for the purpose intended

Revisions

Index	Description	Drawn & Chk by	Revd by	Date
P1	STAGE 4 ISSUE	KW	JS	23.08.17

GENERAL NOTES
- DO NOT SCALE FROM THIS DRAWING.
- POSITIONS OF ALL FITTINGS ARE INDICATIVE ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATIONS.

MECHANICAL VENTILATION & HEAT RECOVERY (MVHR)

- ALL MVHR DUCTWORK SHALL BE MANUFACTURED IN RIGID PLASTIC & IN ACCORDANCE WITH THE DOMESTIC VENTILATION COMPLIANCE GUIDE.
- MVHR UNIT IS TO RUN AT CONTINUOUS TRICKLE WITH BOOST BEING ACTIVATED VIA AN INTERNAL BOOST HUMIDISTAT.
- ALL AIR VALVES SHALL BE 125mm.
- ALL DUCTWORK IS 204mm(ø) x 60mm(h)
- ALL ATTENUATORS 204mm(ø) x 60mm(h)
- FIRE SLEEVES SHALL BE PROVIDED WHERE DUCTWORK PASSES THROUGH ANY FIRE RATED STRUCTURE.
- FLEXIBLE DUCTWORK SHALL BE USED FOR FINAL CONNECTIONS ONLY. NO FLEXIBLE DUCTWORK SHALL BE MORE THAN 500mm IN LENGTH. FLEXIBLE DUCTWORK SHALL BE ACOUSTIC TYPE ON MVHR CONNECTIONS.
- THE DUCTWORK SUB-CONTRACTOR SHALL PROVIDE AN INSULATED PLENUM BOX TO ALLOW FOR TRANSFORMATION OF THE RIGID PLASTIC DUCTWORK TO THE EXTERNAL LOUVRE.
- THE DUCTWORK SUB-CONTRACTOR SHALL ALLOW FOR A VISUAL SITE SURVEY OF THE BUILDING STRUCTURE PRIOR TO FABRICATION OF DUCTWORK.
- THERMAL INSULATION SHALL BE APPLIED TO THE FOLLOWING AREAS:
- INTAKE AND EXHAUST DUCTWORK.
- BATHROOM / WC DOORS SHALL BE UNDERCUT TO PROVIDE VENTILATION AIR PATH ROUTES.

COMMISSIONING TABLE

	Boost (l/s)	Trickle (l/s)
Kitchen	13.9	12.6
Bathroom	8.5	7.8
Total	22.4	20.4

	Boost (l/s)	Trickle (l/s)
Living Area	9.6	8.7
Bedroom 1	7.7	7.0
Bedroom 1	5.1	4.7
Total	22.4	20.4

*Supply boost shown based on optimum balanced rates. Only Trickle Supply rates rated as required in Building Regs Guide F.

// – DENOTES UNDERCUT DOOR BY 10mm

LEGEND
SC – STOP COCK
WP – WASTE PIPE
DC – DRAIN COCK
WM – WASHING MACHINE
DW – DISHWASHER
SHWR – SHOWER

WORK IN PROGRESS AT TIME OF DRAWING ISSUE
- GRILLE LOCATIONS TO BE CO-ORDINATED WITH REFLECTED CEILING PLAN.
- HEATING RADIATOR LAYOUTS PROVISIONAL– TBC BY CLIENT/ARCHITECT
- DISHWASHER POSITION TBC PRIOR TO INSTALLATION.
- TMV VALVE REQUIREMENT, IF APPLICABLE TO BE CONFIRMED.
- TMV INCLUDED WITH BATH, SHOWER AND BASIN.

Architect
dexter moren associates

Client
1 - 9 KINGS ROAD LLP

STAGE 4

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Project Title
JACKSONS CORNER
1-9 KINGS ROAD
READING

Drawing Title
MECHANICAL SERVICES
UNIT 18-2 BED APARTMENT
TYPICAL LAYOUT

Project No	L5144
Drawn & Checked by	KW
Reviewed by	JS
Date	AUG 2017
Scale	1:25 @A0
Drawing No.	L5144-50-A-TS01
Rev.	P1