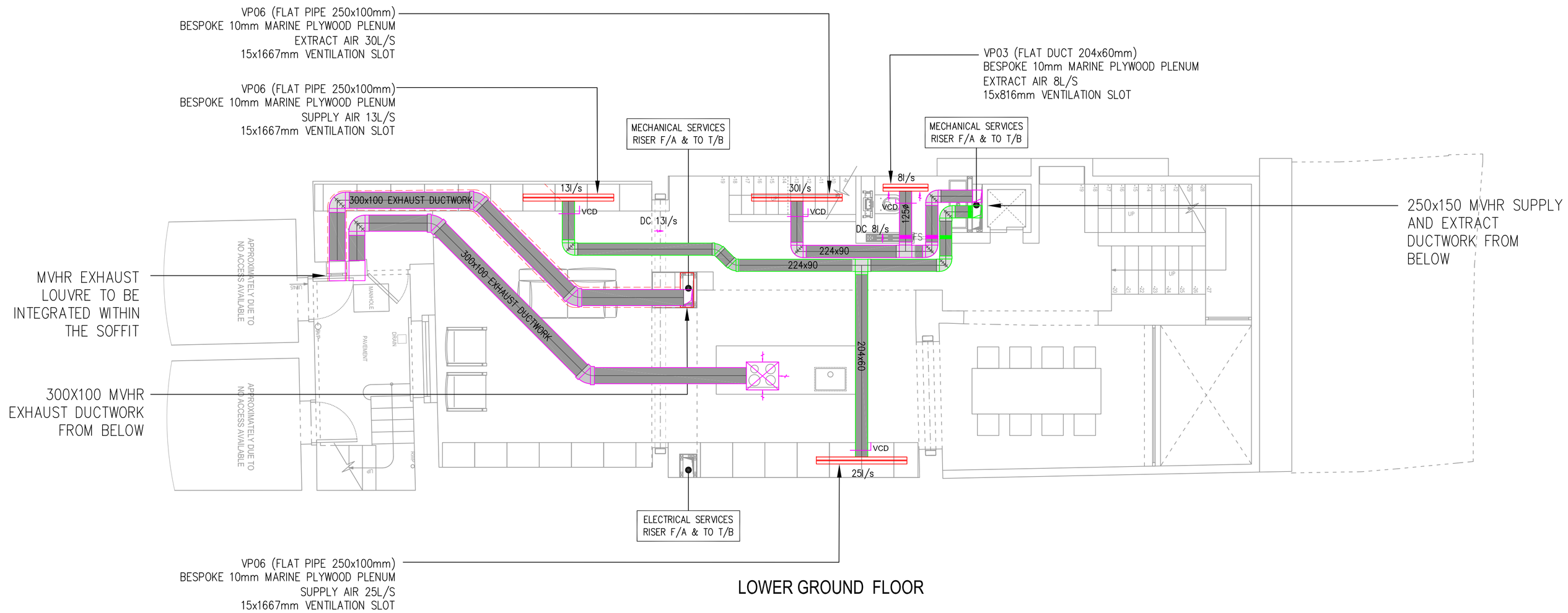
NOTES

1. REFER TO ARCHITECT DRAWINGS FOR POSITIONS OF DIFFUSERS & GRILLES.
2. FIRE STOPPING TO BE PROVIDED IN ACCORDANCE WITH FIRE STRATEGY.
3. AIR BRICK FINISH TO BE SPECIFIED BY ARCHITECT.
4. THE SYSTEMS ARE CLASSIFIED AS LOW-VELOCITY LOW PRESSURE DUCTWORK SYSTEMS
5. ALL GRILLES SHALL BE MOUNTED SUCH THAT THEY ARE IN LINE WITH THE DUCTWORK.
6. THE GRILLES FINISH TO BE SPECIFIED BY ARCHITECT
7. DUCTWORK MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING HEATING AND VENTILATING CONTRACTORS' ASSOCIATION (HVCA) DOCUMENTATION:

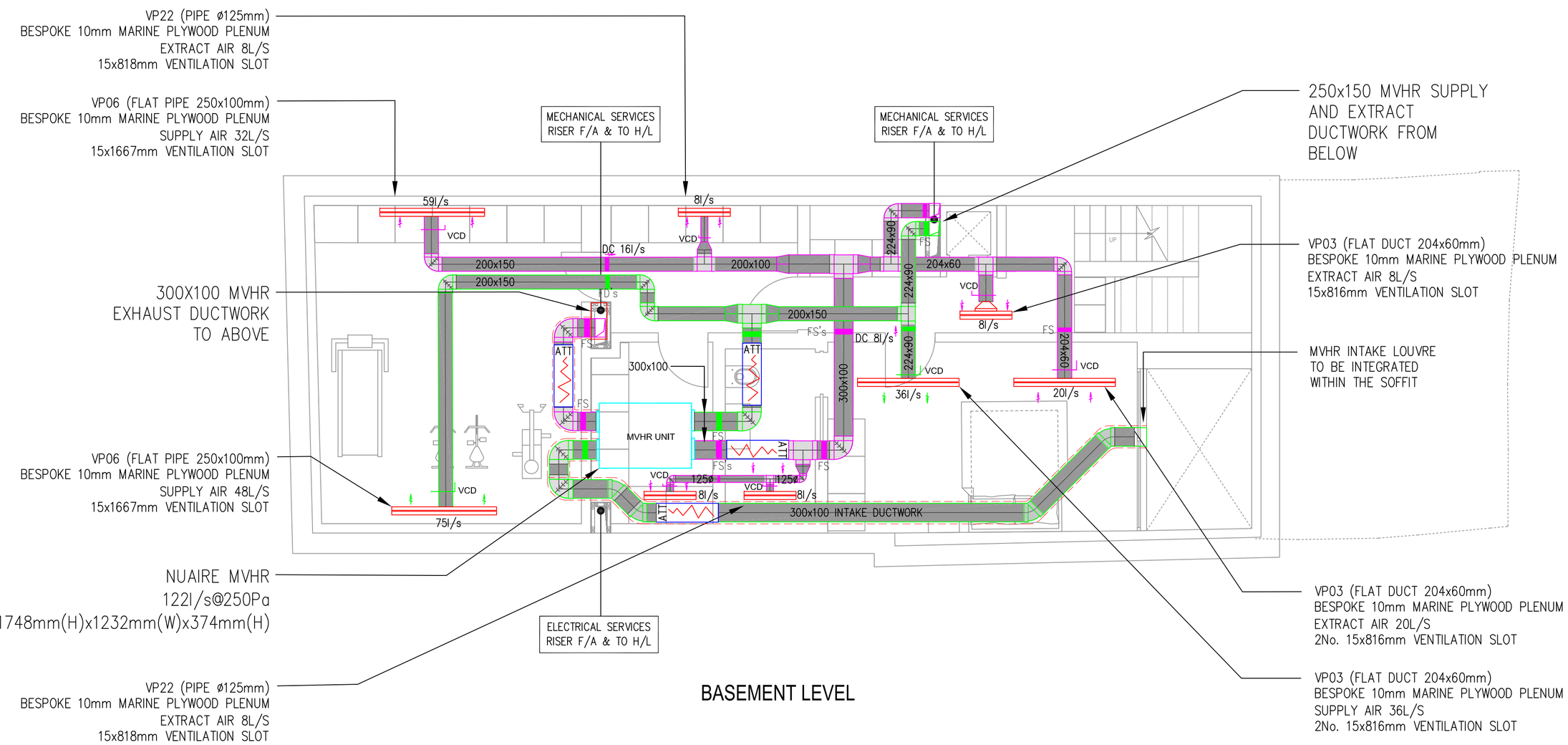
DW/143	A PRACTICAL GUIDE TO DUCTWORK LEAKAGE TESTING
DW/144	SPECIFICATION FOR SHEET METAL DUCTWORK
DW/151	SPECIFICATION FOR PLASTIC DUCTWORK
DW/171	GUIDE TO GOOD PRACTICE: FOR KITCHEN VENTILATION SYSTEMS
DW/191	GUIDE TO GOOD PRACTICE: GLASS FIBRE DUCTWORK
DWTM1	ACCEPTANCE SCHEME FOR NEW PRODUCTS-RECTANGULAR CROSS JOINT CLASSIFICATION
DW/TM2	GUIDE TO GOOD PRACTICE: INTERNAL CLEANLINESS OF NEW DUCT WORK INSTALLATION
DW/TM3	GUIDE TO GOOD PRACTICE FOR THE DESIGN FOR THE INSTALLATION OF FIRE AND SMOKE DAMPERS
TR/17	GUIDE TO GOOD PRACTICE: CLEANLINESS OF VENTILATION SYSTEMS.

LEGEND

MVHR UNIT	MVHR UNIT VERTICALLY MOUNTED LOCATED INSIDE THE CUPBOARD. PROVIDE CONDENSATE DRAIN WITH DRY TRAP CONNECTION TO SVP. UNIT TO NORMALLY OPERATE ON TRICKLE. BOOST CONTROL WILL BE VIA PIR ACTIVATED FROM THE WET AREAS, BOOST MANUAL SWITCH IN THE KITCHEN AND AMBIENT/ HUMIDITY RESPONSE SENSOR IN UTILITY ROOM
FA	MVHR FRESH AIR SUPPLY AND EXTRACT PLENUM BOX TO GRILLES SHALL BE PROVIDED WITH AIR VOLUME CONTROL DAMPER.
ATT	ATTENUATOR TO BE PROVIDED TO THE MVHR SUPPLY AND EXTRACT DUCTWORK.
	MVHR EXTRACT/EXHAUST DUCTWORK
	MVHR SUPPLY/INTAKE DUCTWORK
FB / FD	FB-FIRE BRAKE TO BE PROVIDED WHERE PASSING THROUGH FIRE RATED WALL AND FLOOR. FOR ANY DAMPER, ACCESS PANEL TO BE PROVIDED.
FA	MVHR INTAKE AIR DUCTWORK TO BE CONNECTED TO PLENUM BOX AND GRILLE WITHIN THE BALCONY CEILING.
EA	MVHR EXHAUST AIR DUCTWORK TO BE CONNECTED TO PLENUM BOX AND GRILLE WITHIN THE BALCONY CEILING.
	SUPPLY AIR DIFFUSER WITH PLENUM BOX
	EXTRACT AIR DIFFUSER WITH PLENUM BOX
EF-1	BATHROOMS EXTRACT FAN:- HELIOS ULTRASLENCE CEILING FLUSH MOUNTED ELS-VA 100/60 FAN. DUTY (15L/s), MOTOR 1 PHASE 19 WATTS, CONSTANT VOLUME SPEED. UNIT TO NORMALLY OPERATE INTEGRATE WITH LIGHT SWITCH. .
	KITCHEN EXTRACT HOOD
DC	DOOR UNDERCUT



LOWER GROUND FLOOR



BASEMENT LEVEL

Bmt & Lwr Grd

Note

ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE SETTING OUT OR MAKING ANY SHOP DRAWINGS. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONSULTANT ENGINEER'S SPECIFICATION.

Orientation

ref./date	REVISIONS
P 18.02.21	PRELIMINARY ISSUE FOR COMMENT
P1 16.03.21	PRELIMINARY ISSUE FOR COMMENT
P2 18.03.21	PRELIMINARY ISSUE FOR COMMENT
P3 26.03.21	PRELIMINARY ISSUE FOR COMMENT CHNAGES AS PER LATEST GA'S
P4 26.03.21	PRELIMINARY ISSUE FOR COMMENT REVISED AS PER ARCHITECT COMMENTS
P5 01.04.21	PRELIMINARY ISSUE FOR COMMENT REVISED AS PER LATEST GA'S

WORK IN PROGRESS AS AT 01-04-2021

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Description

BASEMENT & LOWER GROUND MECHANICAL SERVICES VENTILATION DRAWING

Project

4 MONTPELIER SQUARE
KNIGHTSBRIDGE
LONDON SW7 1JT

Microfilm Scale

3 inches
75 mm

Architect

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xref 0078-A2000-PROPOSED (21-01-20)

Scale	Drawn
1:50@A1	PO
Date: Feb 2021	Checked

Issue: PRELIMINARY

Project No.	Services	Dwg No.	Rev.
6656	M	106	P5