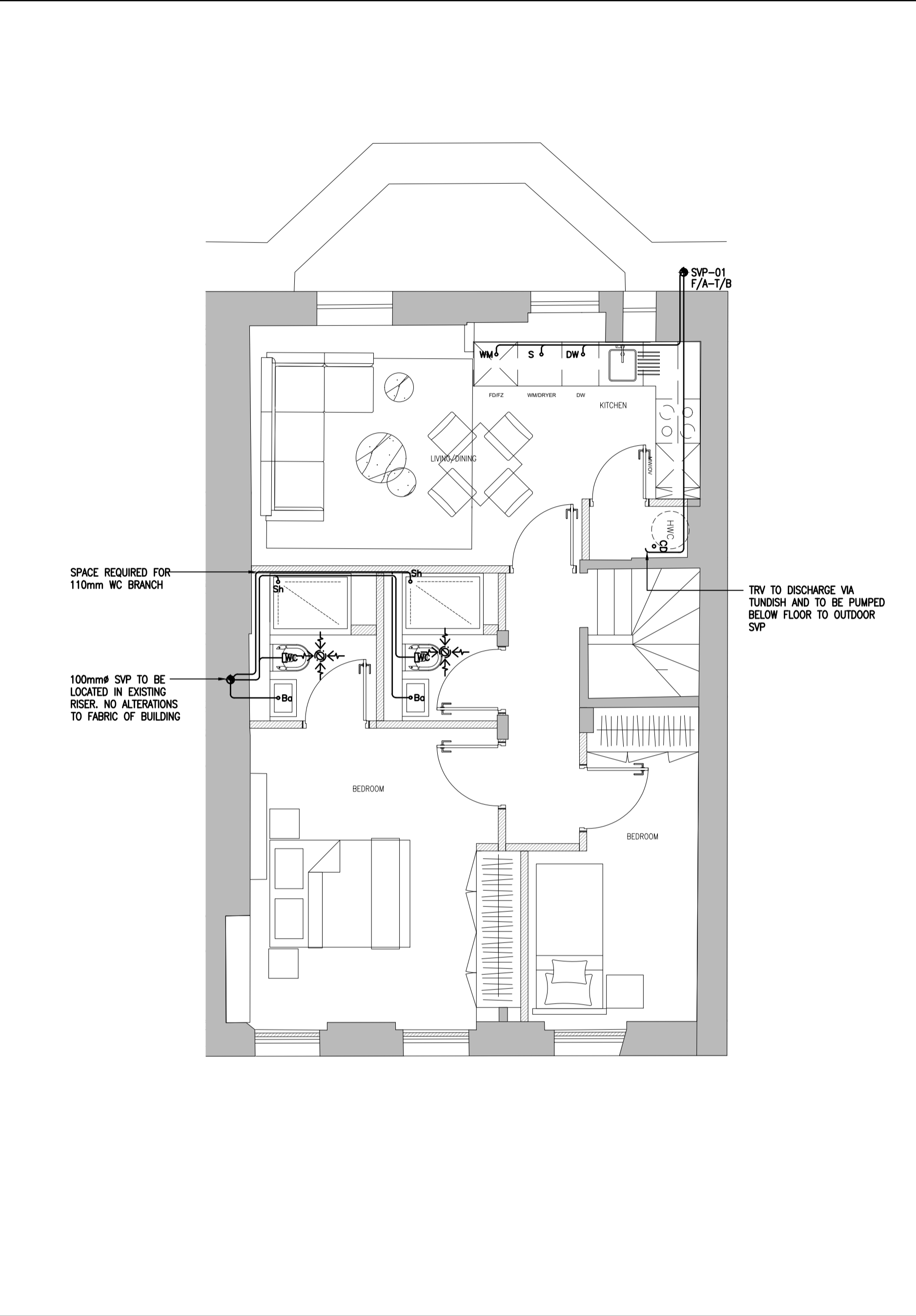


HEATING NOTES

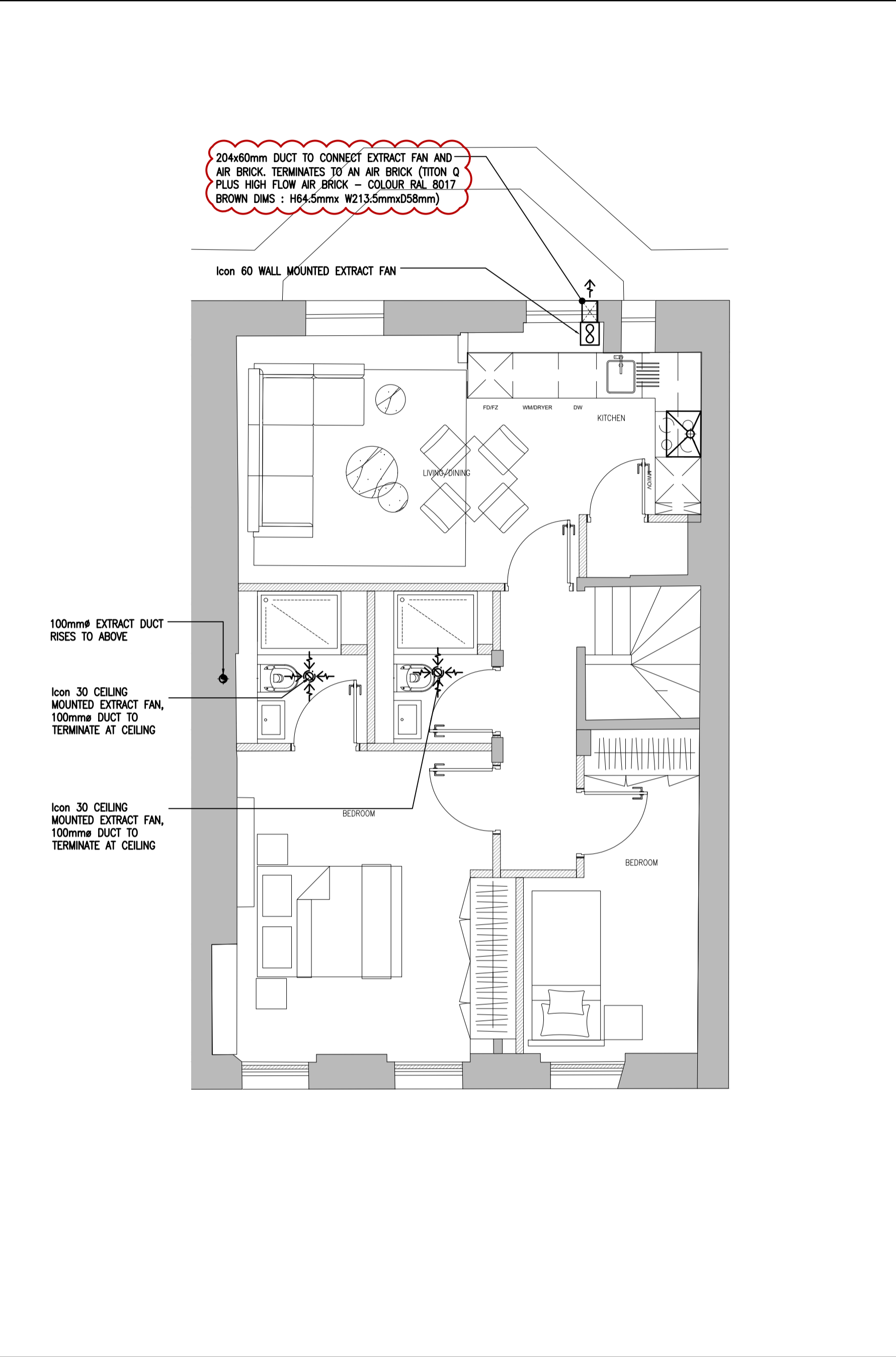
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY, AND CHECK ALL DIMENSIONS ON SITE.
- RADIATORS TO BE CAST IRON, FITTED WITH ELECTRIC ELEMENT. SEE RADIATOR SCHEDULE FOR DETAILS.
- BATHROOMS TO HAVE ELECTRIC UNDERFLOOR HEATING, FITTED WITH FLOOR SENSOR.

WATER NOTES

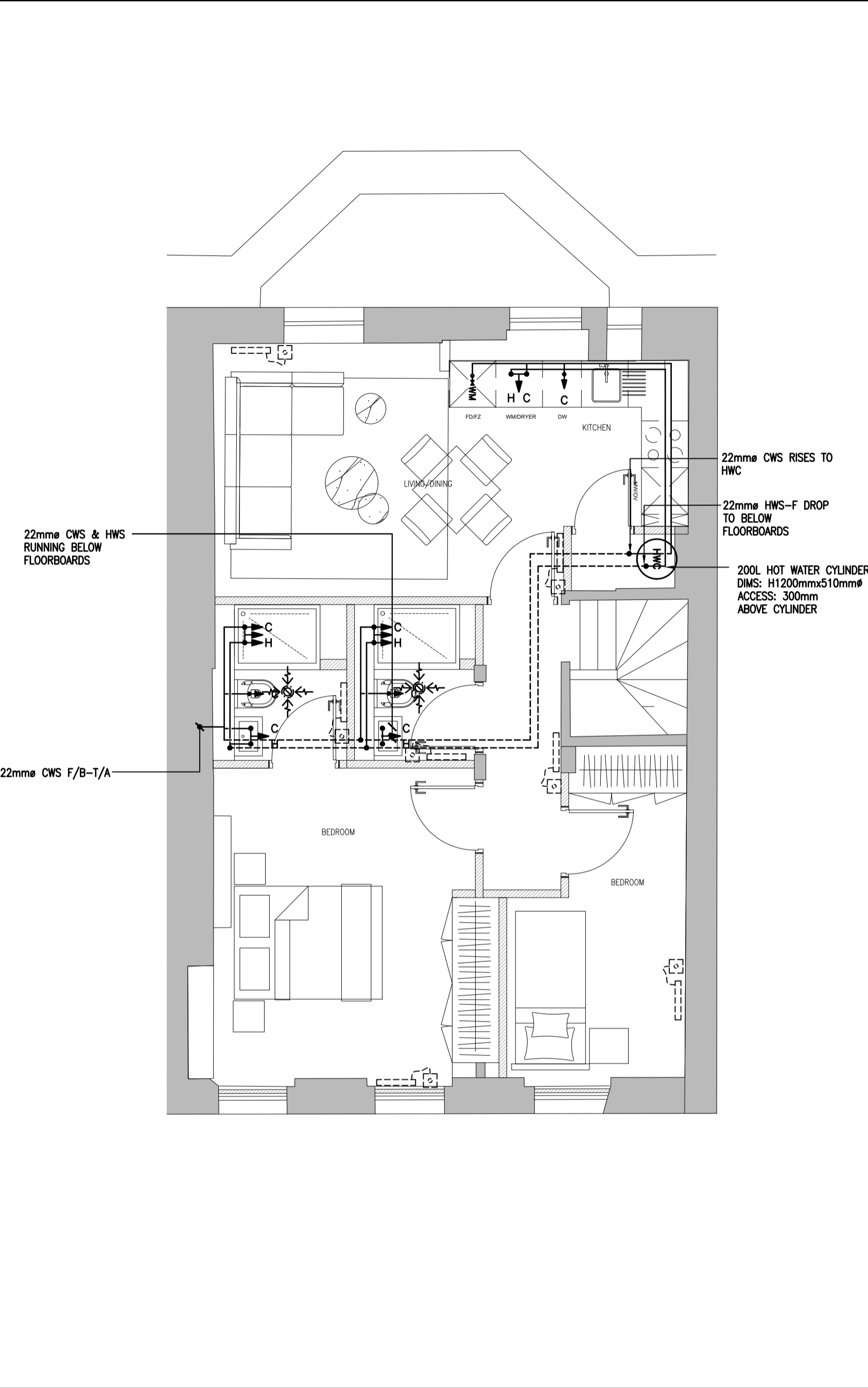
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY, AND CHECK ALL DIMENSIONS ON SITE.
- WATER SERVICES LAYOUT TO BE READ IN CONJUNCTION WITH WATER SERVICES SCHEMATIC, DWG NO. 2458-SCH-53-00.
- THAMES WATER METERS TO BE LOCATED IN THE VAULTS, WHERE THEY ARE ACCESSIBLE TO THE UTILITY PROVIDER.
- FOR DETAILS ON THE BOOSTER SET IN THE VAULTS, REFER TO THE WATER SERVICES SCHEMATIC.



SOIL & WASTE LAYOUT



VENTILATION LAYOUT



WATER & HEATING LAYOUT

CONSTRUCTION

Rev	Date	CAD	Chkd	Description
C6	15.07.20	RL	RL	AMENDED NOTE ON FAN
C5	29.04.20	RL	RL	ADDITION OF RADIATOR IN HALL
C4	03.04.20	RL	RL	REMOVAL OF UFH & ADDING TR
C3	16.03.20	RL	RL	FLAT SPLIT
C2	20.08.19	RL	LM	CONSTRUCTION ISSUE
C1	01.07.19	DM	LM	CONSTRUCTION ISSUE
P1	11.06.19	ELA	RL	STAGE 4



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Client
FERNGLEN PROPERTIES LTD

Architect
THIRDWAY INTERIORS

Project
THEOBALDS ROAD

PROPOSED MECHANICAL & VENTILATION LAYOUT THIRD FLOOR

Scale	Size	Engineer	Date
1:50	A1	RL	JAN'19

Drawing No. **J2452-H20-50-03** Rev **C6**

KEY - SOIL CONNECTIONS:

SOIL AND WASTE CONNECTIONS TO STACKS GENERALLY AS FOLLOWS:

- B BATH: 40mm WASTE TO STACK.
- Ba BATH: 32mm WASTE TO STACK*
- CD HWC DISCHARGE: 32mm POLYPROPYLENE PIPE CONNECTS TO STACK VIA HEPTO TRAP
- DW DISHWASHER: 40mm STANDPIPE AND WASTE TO STACK.
- FCU FCU CONDENSATE PIPEWORK.
- S SINK: 40mm WASTE TO STACK.
- Sh SHOWER: 40mm WASTE TO STACK.
- [WC] WC: 100mm SOIL TO STACK.
- WM WASHING MACHINE: 40mm STANDPIPE AND WASTE TO STACK.

* FOR LONGER BASIN BRANCH RUNS WASTE PIPE TO BE INCREASED TO 40mm OR 50mm TO COMPLY WITH REQUIREMENTS OF BS.

KEY - WATER:

F&R FLOW & RETURN.
CWS COLD WATER SERVICE.
HWS-F HOT WATER SERVICE - FLOW.
HWS-R HOT WATER SERVICE - RETURN.

HWC HOT WATER CYLINDER.

C COLD WATER TAP.
H HOT WATER TAP.
M MIXER TAP.
C H BATH/SHOWER MIXER TAP.
C H WASHING MACHINE TAP.
WM DISHWASHER TAP.

BATH - 22mm HWS & CWS.
SHOWER - 15mm HWS & CWS.
BASIN - 15mm HWS & CWS.
WC - 15mm CWS.
SINK - 15mm HWS & MWS.
DISHWASHER - 15mm MWS.
WASHING MACHINE - 15mm HWS & MWS.

KEY - GENERAL:

SOLID LINE SERVICES AT LOW LEVEL.
DASHED LINE SERVICES BELOW FLOOR.
DOTTED LINE SERVICES IN CEILING VOID.
DASH-DOTTED LINE SERVICES IN VERTICAL (RISER).

H/L - HIGH LEVEL. L/L - LOW LEVEL.
F/A - FROM ABOVE. F/B - FROM BELOW.
T/A - TO ABOVE. T/B - TO BELOW.

KEY - HEATING:

□ ELECTRICAL RADIATOR.
□ THERMOSTAT.
● FS FLOOR SENSOR.
□ AREA COVERED BY UNDER FLOOR HEATING.

KEY - VENTILATION:

☒ KITCHEN COOKER HOOD.
→ EF1 EXTRACT FAN.
☒ CEILING MOUNTED EXTRACT GRILLE.
☒ 204x60mm FLAT DUCT.