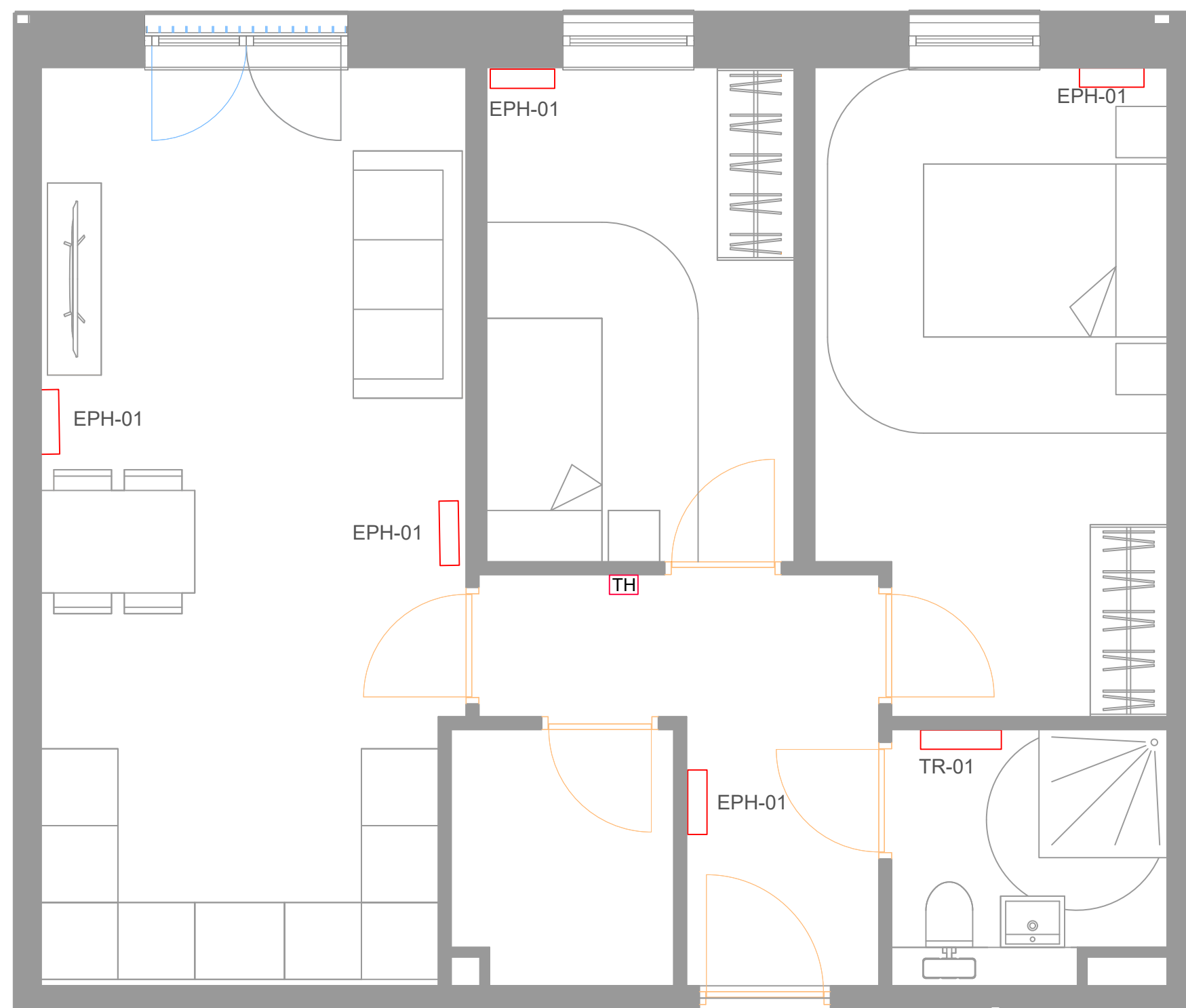
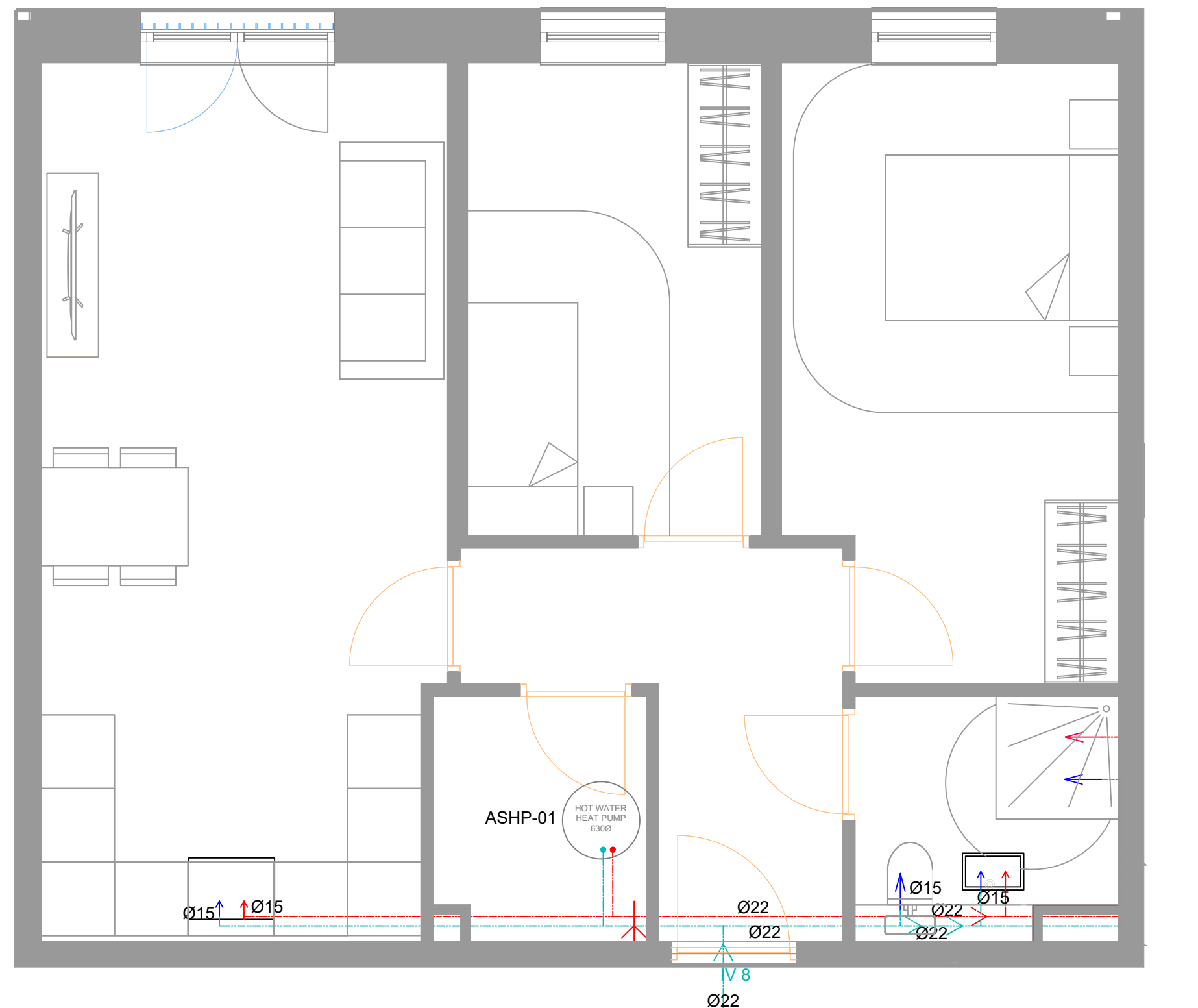
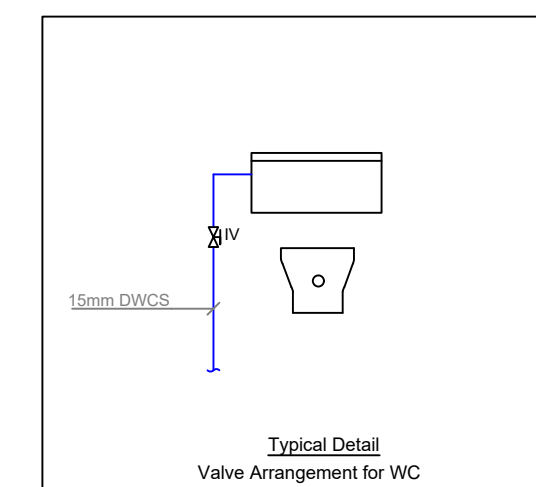
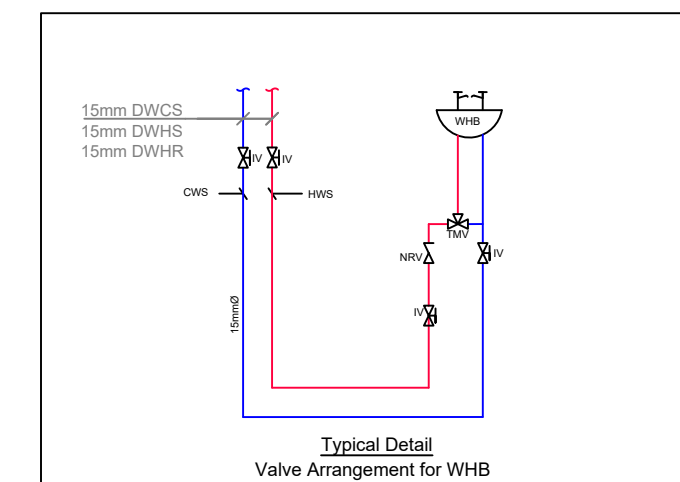
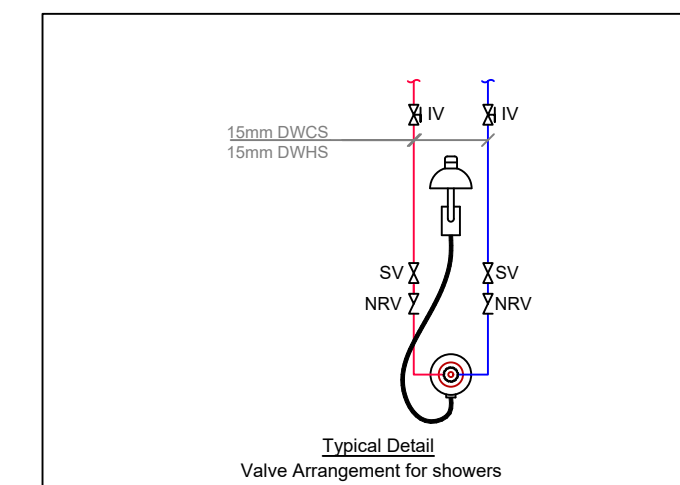




Proposed Heating Layout



Proposed Domestic Services Layout



- ### Domestic Services Notes
1. This drawing shall be read in conjunction with all other services, Architectural drawings, project specifications and relevant standards and documentation.
 2. $\frac{1}{2}$ inch isolating valves to be installed on all water consuming appliances.
 3. Drain off cocks are to be provided at LUL to ensure draining off.
 4. Infrared operated solenoid valves to be fitted in all locations for grossly unloading to prevent flooding.
 5. All water services to be trace heated in external locations.
 6. All pipework to run down PSR to be boxed in.
 7. Mixing valves shall be installed at all WTBH and all WTBH 100 to 150 kPa to ensure correct water temperature.
 8. All pipework to be insulated to BS requirements.
 9. DWRV shall be installed on each appliance.
 10. Hot water services within public areas to have a maximum surface temperature of no more than 41°C.
 11. Please note. Not all 1/2", DWRV's and L.S.V's, etc are shown on this drawing.
 12. Domestic appliances to be capped with appropriate WTBH for non return valves.
 13. Zyteltyd high capacity split system tap finish - bright chrome product code BC52000125+.
 14. Cold water pipework services will not be installed above heating and WWS pipework systems.
 15. Include for the elimination of the water services in accordance with BS8700.
 16. Include for all filling, flushing, draining down, venting and isolation of the water services and WWS systems commissioning code W - water distribution systems and code B - boilers.
 17. For main pipework sizes & valve arrangements refer to heating and WWS schematic drawings.

DRAINAGE LEGEND

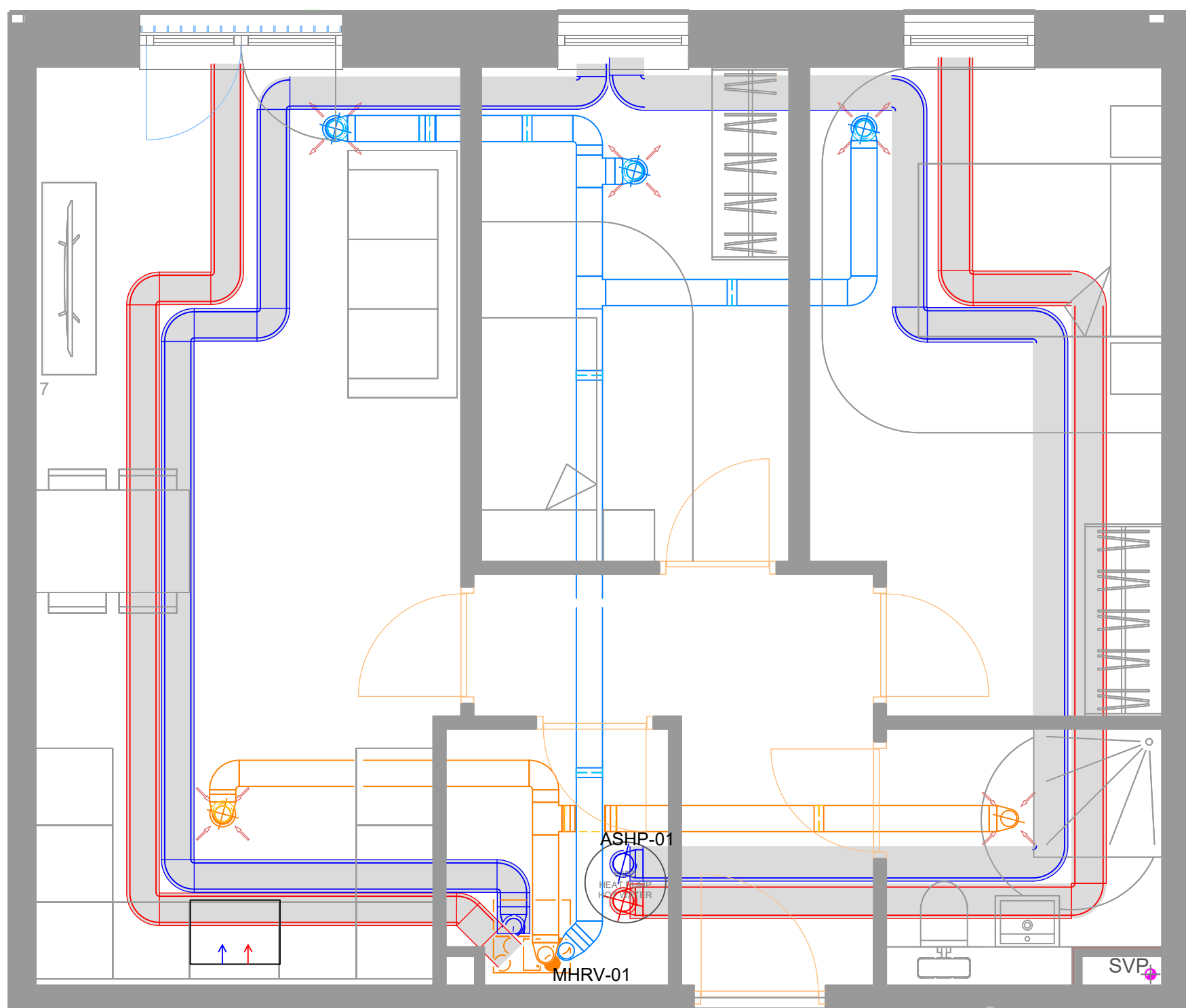
- 1 110mmØ WC CONNECTION
 2 32mmØ WHB WASTE CONNECTION WITH TRAP
 3 40mmØ SHOWER WASTE CONNECTION WITH TRAP
 4 50mmØ SINK WASTE CONNECTION WITH TRAP
 5 32mmØ APPLIANCE CONNECTION WITH TRAP
 — DENOTES BELOW CURRENT FLOOR
 — DENOTES BENEATH FLOOR BELOW
 SVP SOIL VENT PIPE

HEATING LEGEND

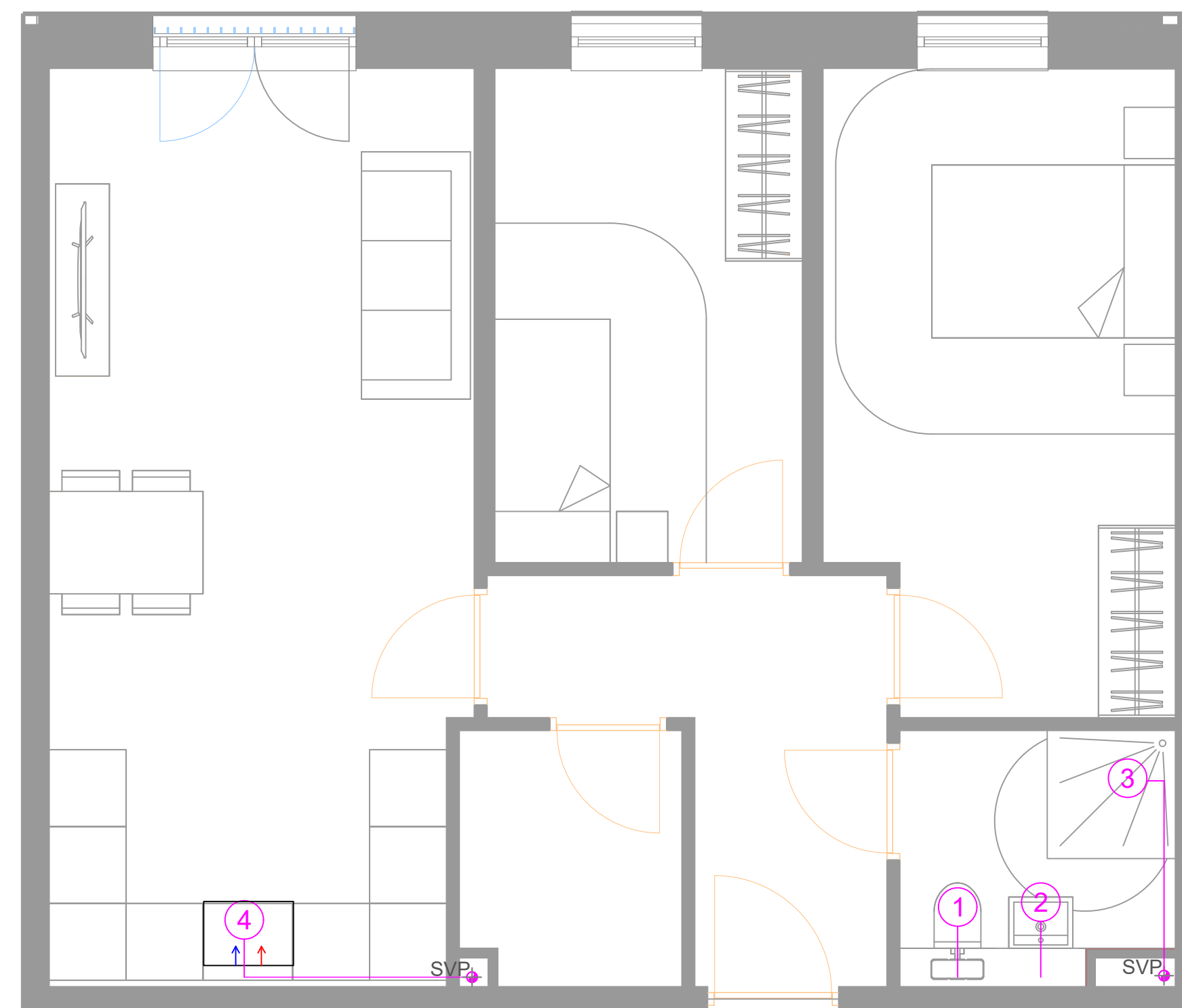
- ELECTRIC PANEL HEATER
- ROOM THERMOSTAT

DOMESTIC WATER

-  HOT WATER OUTLET
 COLD WATER OUTLET
 ISOLATING VALVE

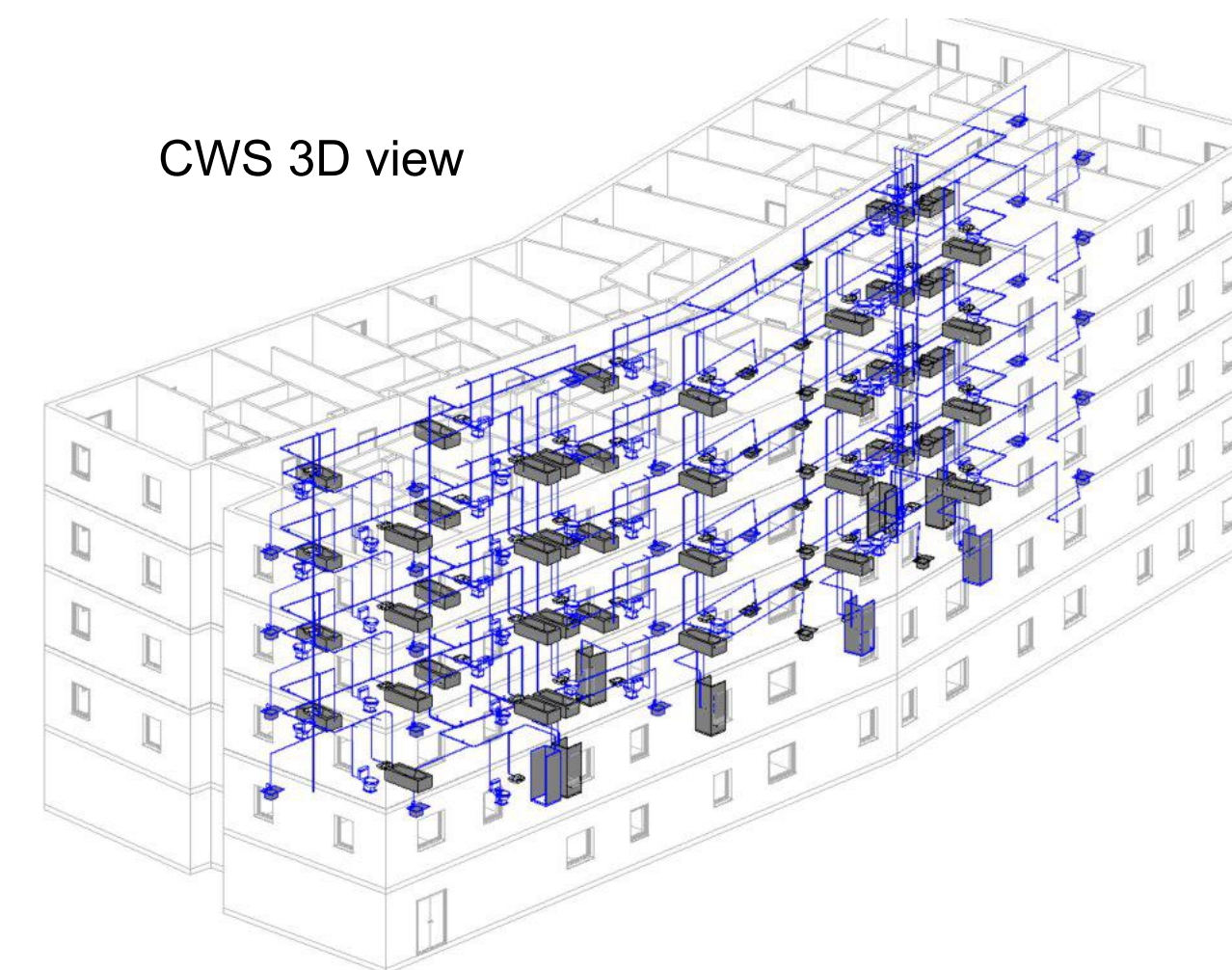


Proposed ASHP Duct Layout and MHRV



Proposed Above Ground Drainage Layout

CWS 3D view



ASHP Schedule							
Reference	Manufacturer	Model	Volume (L)	Energy Rating	Heat up time (Hrs:Mins)	Size (mm)	Amps
ASHP-01	Dimplex	Edel 200	200	A+	07:15	630 x 1460	16

Electric Panel Heater Schedule					
Reference	Location	Manufacturer	Model	Output (W)	Size (mm)(HxLxW)
EPH-01	Living/Kitchen/Bedroom/Hallway	Dimplex	Monterey	257	536x503x84
EPH-02	Living/Kitchen/Bedroom	Dimplex	Monterey	386	536x503x84
TR-01	Bathroom	Dimplex	BR Towel Rail	206	1003X630X(65-75)

05/07/2024		For Construction	
 Larewood			
Bury Business Centre, Kay Street, Bury, BL9 6BU. t. 0161 754 3071 e. info@larewood.co.uk			
Client:	Great Places		
Project:	Downley Drive		
Address:	Ancoats-Manchester		
Drawing:	Proposed Mechanical Service Layout Apartment Type 1 - Ground Floor		
Number:	PA1689-LAR-XX-XX-DR-M-50001		
Drawn by AT	Date July 2024	Checked by CM	Scale at A1 NTS
			Scale at A3 NTS
			Revision 004
			Issue For Construction
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