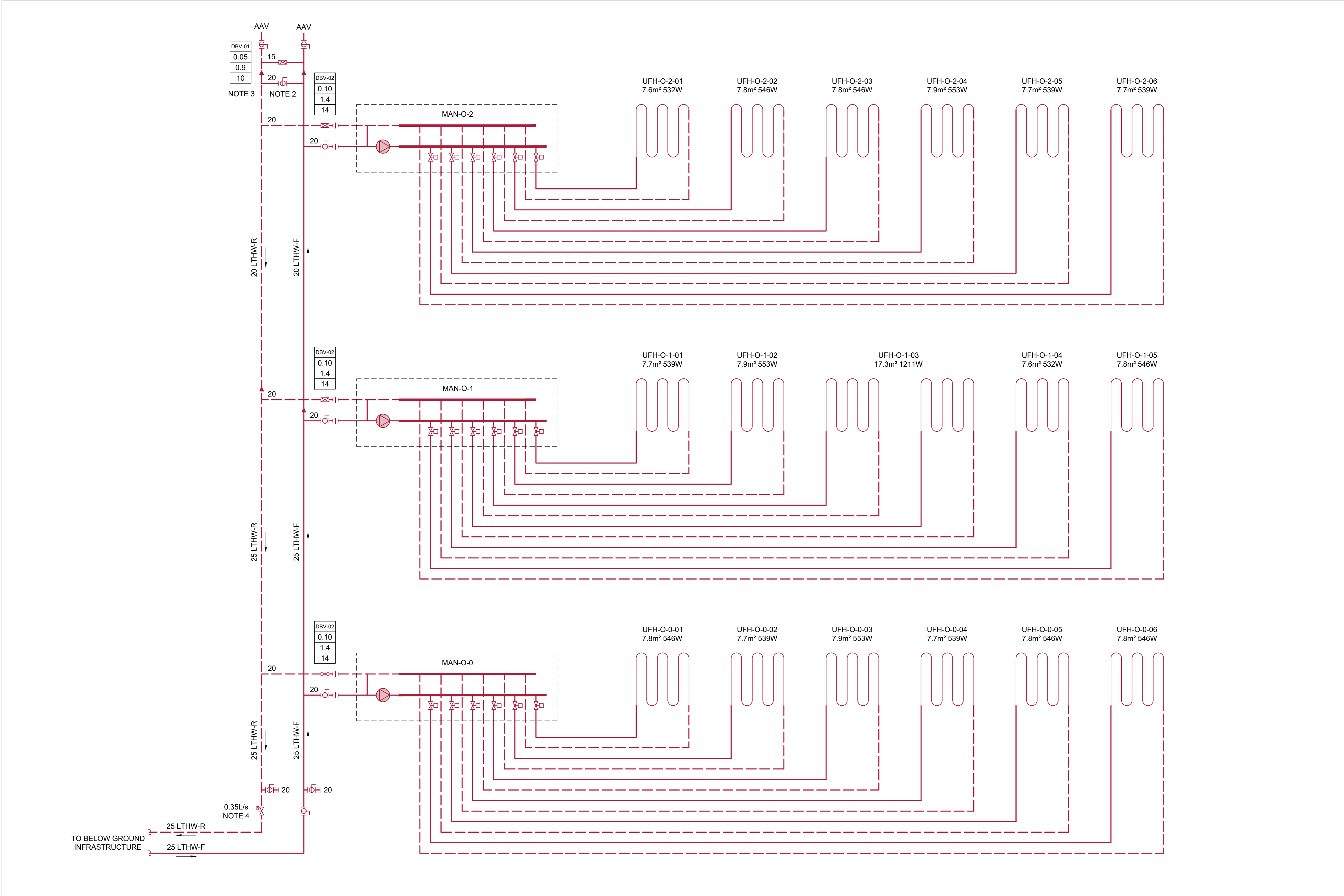




NOTES

1. READ THIS DRAWING IN CONJUNCTION WITH THE COVERSHEETS & SCHEDULES
2. FLUSHING BYPASS; NORMALLY CLOSED
3. END-OF-LINE BYPASS
4. DESIGN FLOW AT 8.0K Δt
5. ENSURE DYNAMIC BALANCING VALVES ARE LOCKED AFTER SETTING

LEGEND

DBV-01 0.05 0.9 10	Dynamic Balancing Valve Size	LTHW-F	Low Temperature Heating Water - Flow	Control / Motorized Valve	Control / Motorized Valve
FC-08 FC-1/009-01 - 0.04	Terminal Selection Unique Identification Cooling Heating Water Flow L/s	LTHW-R	Low Temperature Heating Water - Return	Strainer	Strainer
DRV-01 65 6	Dynamic Radiator Valve Size Design Flow L/h Valve Setting	GWS	Gray Water Services	Commissioning Set	Commissioning Set
DPC-02 25 5.3	Differential Pressure Controller Size Design DP kPa Valve Setting	BCWS	Boosted Cold Water Service	Isolation Valve	Isolation Valve
RAD-03 0.08	Radiator Designation Heating Water Flow L/s	MCWS	Mains Cold Water Service	Safety Valve	Safety Valve
		HWS	Hot Water Service	Pump	Pump
		HWS-R	Hot Water Service - Return	Flexible Connection	Flexible Connection
		DRN	Drain	Non-Return Valve	Non-Return Valve
		DRN-CR	Drain - Chemical Resistant	Dynamic Flow Limiting Valve	Dynamic Flow Limiting Valve
		GAS	Natural Gas	Temperature Sensor	Temperature Sensor
		ACR	Air-conditioning/Refrigeration	Concentric Reducer	Concentric Reducer
		-----	Control Link	Cap/Plug	Cap/Plug
				Union	Union
				Flange	Flange
				Break in Continuous Line for Clarity	Break in Continuous Line for Clarity
				Pressure / Temperature Gauge	Pressure / Temperature Gauge
				Water/Gas Meter	Water/Gas Meter
				Flow Meter	Flow Meter
				Lockshield Valve	Lockshield Valve
				Dynamic Radiator Valve	Dynamic Radiator Valve
				Backflow Preventor	Backflow Preventor

Rev	Description	Date
T00	For Tender	23/10/30

Client	Bedford College
Site	Shuttleworth College Old Warden Park Biggleswade SG18 9DX
Project	PSDS3b



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Drawing Title		Ongley Hall Heating Flow Diagram
Drawing Ref		02-15 M-SC-09
Revision	T00	Date 2023/10/30
Scale	Not to Scale	Status For Tender