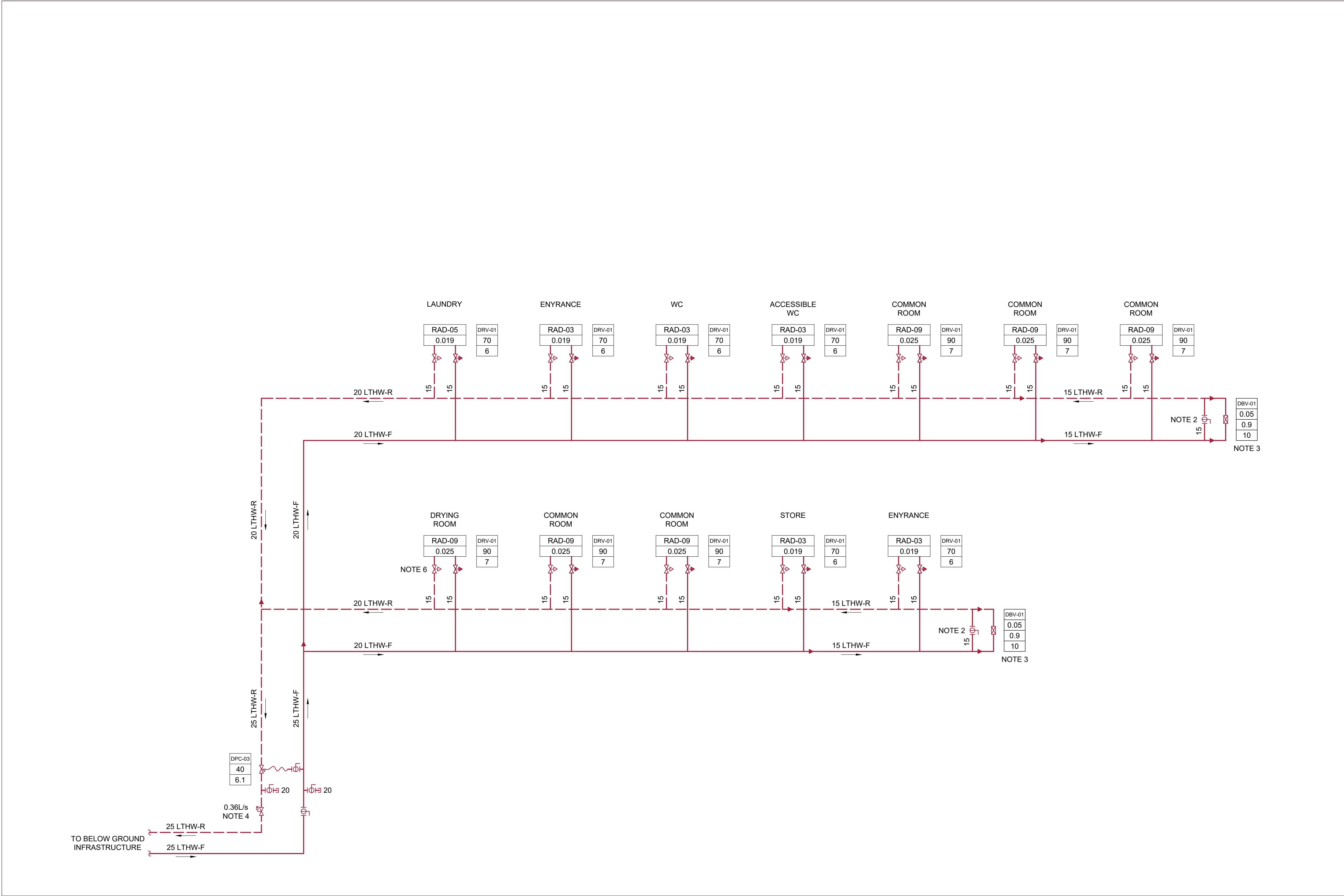




NOTES

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
6. ALL RADIATORS FITTED WITH LOCKSHIELD VALVE RLV-01 AND DYNAMIC VALVE DRV-01; REFER SCHEDULE

LEGEND

DBV-01 0.04 0.8 10.1	Dynamic Balancing Valve Size Design Flow L/s Valve Setting Minimum Pressure Drop kPa	LTHW-F LTHW-R GWS BCWS MCWS HWS HWS-R DRN DRN-CR GAS ACR -----	Low Temperature Heating Water - Flow Low Temperature Heating Water - Return Gray Water Services Boosted Cold Water Service Mains Cold Water Service Hot Water Service Hot Water Service - Return Drain Drain - Chemical Resistant Natural Gas Air-conditioning/Refrigeration Control Link	Control / Motorized Valve Strainer Commissioning Set Isolation Valve Safety Valve Pump Flexible Connection Non-Return Valve Dynamic Flow Limiting Valve Temperature Sensor Concentric Reducer Cap/Plug Union	Flange Break in Continuous Line for Clarity Pressure / Temperature Gauge Water/Gas Meter Flow Meter Lockshield Valve Dynamic Radiator Valve Backflow Preventor
FC-08 FC-1/009-01 - 0.04	Terminal Selection Unique Identification Cooling Heating Water Flow L/s				
DRV-01 65 6	Dynamic Radiator Valve Size Design Flow L/h Valve Setting				
DPC-02 25 5.3	Differential Pressure Controller Size Design DP kPa Valve Setting				
RAD-03 0.08	Radiator Designation Heating Water Flow L/s				

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 Student Common Room Heating Flow Diagram	
Drawing Ref 02-15 M-SC-13	
Revision T00	Date 2023/10/30
Scale Not to Scale	Status For Tender