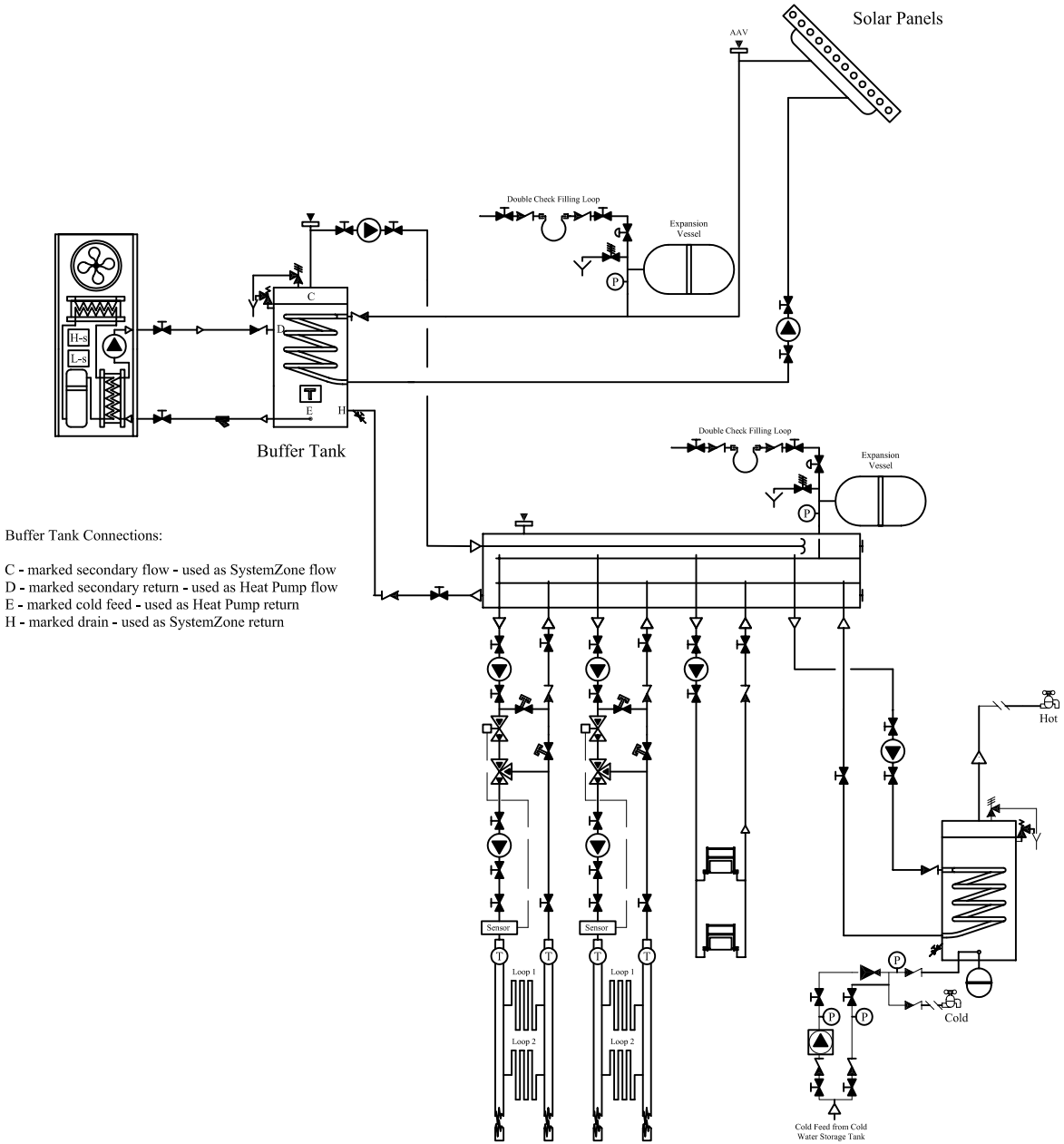

Buffer Tank Connections:

C - marked secondary flow - used as SystemZone flow
D - marked secondary return - used as Heat Pump flow
E - marked cold feed - used as Heat Pump return
H - marked drain - used as SystemZone return

Information

Note

Non-return valves are required on SystemLink's outward zone flow pipe-work only when the zone to be piped is at a higher level than the SystemLink. In that situation, a non-return valve must be positioned in front of the zone pump. This will prevent the creation of a gravity fed, thermo-syphoning loop, which would cause continued supply of heated water to the radiators in that zone, even when the zone's pump is no longer required and has been switched off.

LEGEND

Motorised Valve	Oil Fire Slam Valve	Temperature Mixing Valve	Oil Tank Filter	Gas Slam Valve
Isolating Valve	Temperature Relief Valve	Automatic Air Valve	Strainer	Binder Test Point
Safety Valve	Pressure Regulating Valve	Pressure Guage	DW Pressurisation Pump	Direction Arrow
Non Return Valve	Flow Regulating Valve	Temperature Guage	Drain Cock	Hi-Pressure Switch
Pressure Refief Valve	Pressure Reducing Valve	Temperature Sensor	Circulating Pump	Low Pressure Switch

Example- Systemzone Plumbing Schematic

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