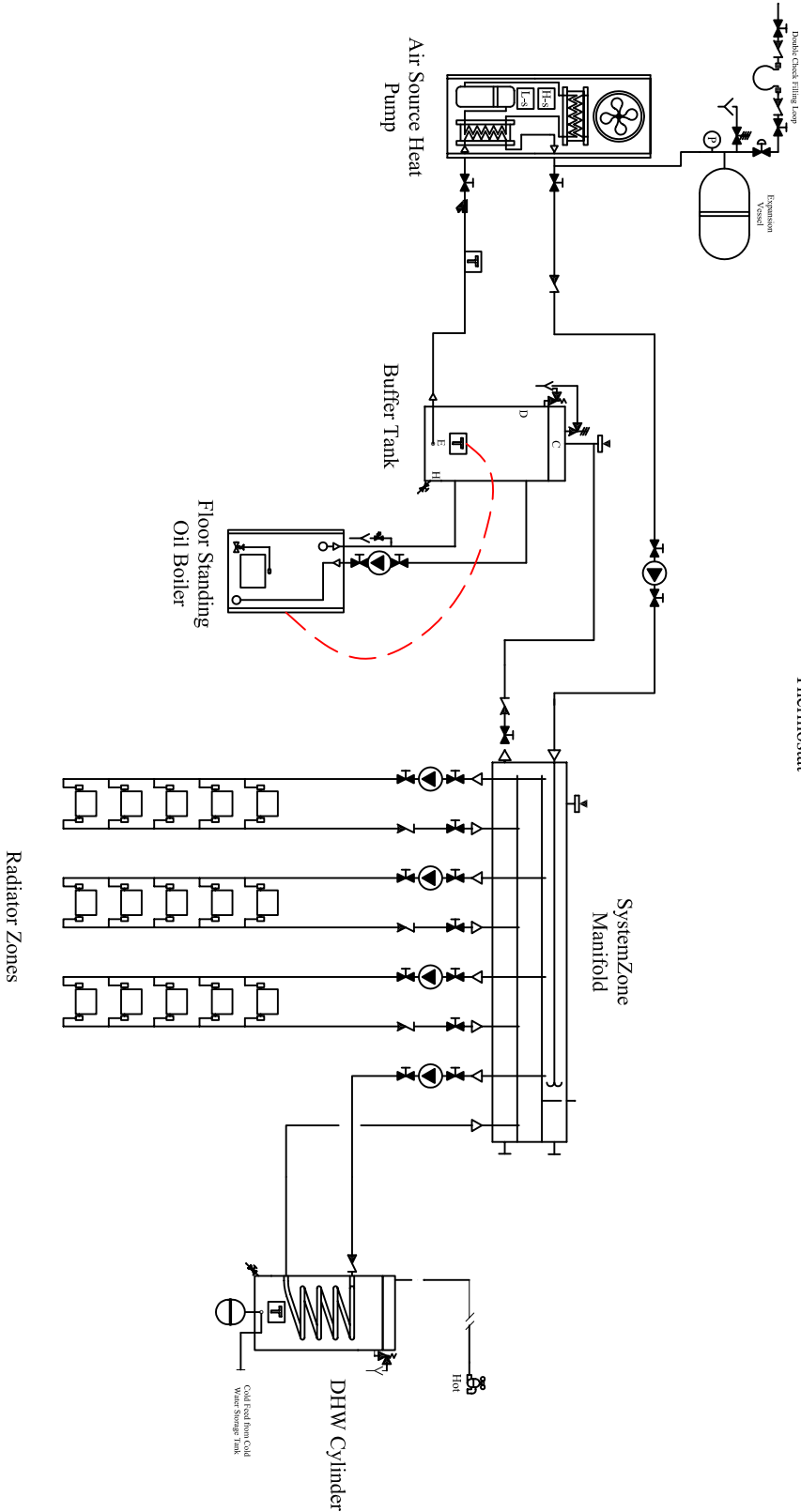


Information

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-siphoning 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.

If the buffer tank drops below the set temperature because of increased demand, the oil boiler is switched on by Thermostat



LEGEND

- Motorised Valve
- Isolating Valve
- Safety Valve
- Non Return Valve
- Pressure Relief Valve
- Temperature Relief Valve
- Pressure Regulating Valve
- Flow Regulating Valve
- Pressure Reducing Valve
- Temperature Mixing Valve
- Automatic Air Valve
- Pressure Gauge
- Temperature Gauge
- Temperature Sensor
- Strainer
- DW Pressurisation Pump
- Drain Cock
- Circulating Pump
- Direction Arrow
- Hi-Pressure Switch
- Low Pressure Switch

Example- SystemZone 6, ThermoAer Heat Pump, Oil Boiler, Domestic Hot Water Cylinder, 3 Radiator Zones

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Scale: NTS

Rev: 001

Drawn: MC

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