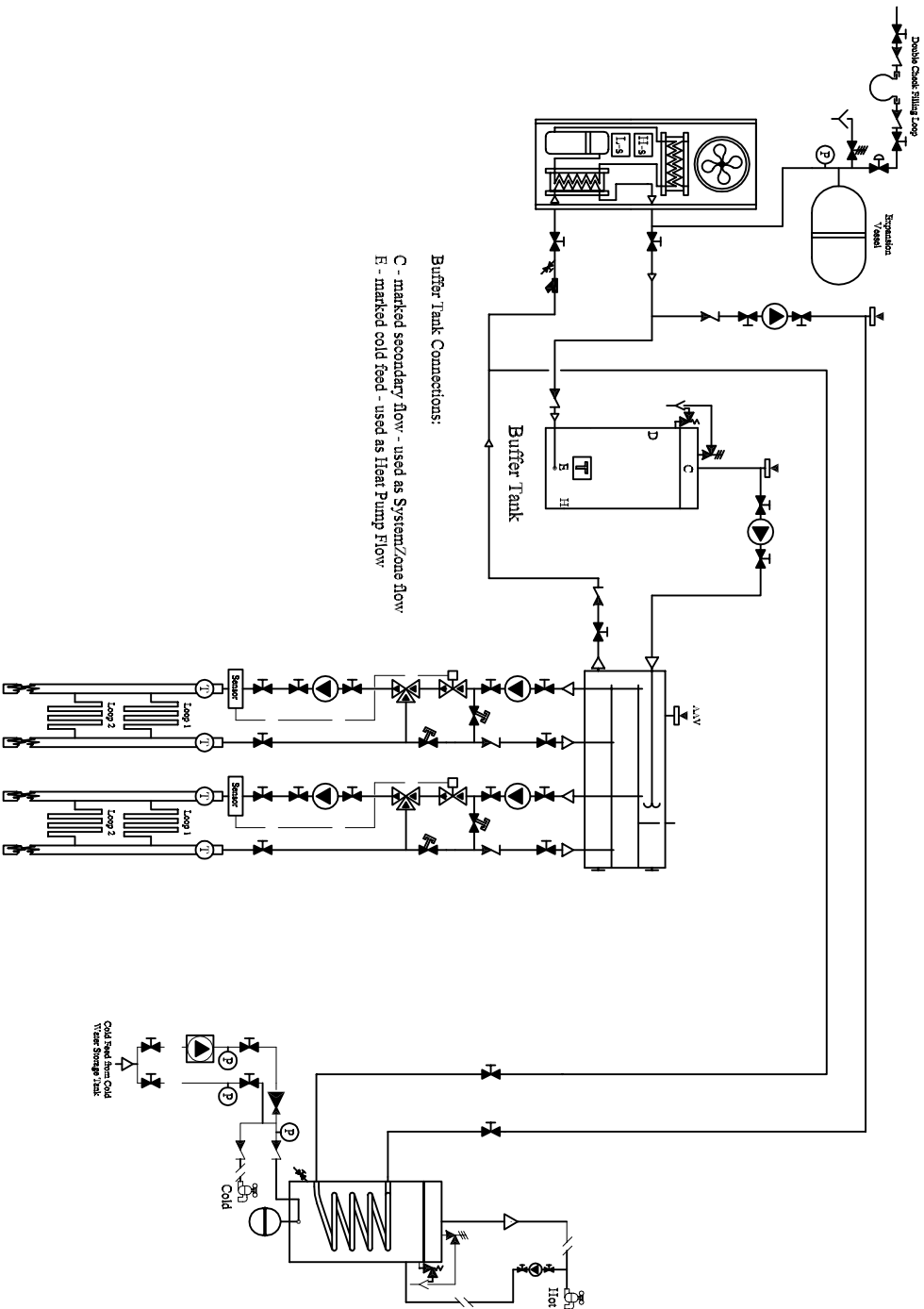


Information

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.

All components on the solar circuit, e.g. air vent and safety valve, must be suitably temperature rated for solar installation.



Buffer Tank Connections:

C - marked secondary flow - used as System/zone flow
E - marked cold feed - used as Heat Pump Flow

LEGEND

- | | | | |
|--|-----------------------|--|--------------------------|
| | Motorised Valve | | Temperature Mixing Valve |
| | Isolating Valve | | 3-Way Motorised Valve |
| | Safety Valve | | Automatic Air Valve |
| | Non Return Valve | | Pressure Gauge |
| | Pressure Relief Valve | | Temperature Gauge |
| | | | Temperature Sensor |
| | | | Strainer |
| | | | DW Pressurisation Pump |
| | | | Drain Cock |
| | | | Circulating Pump |
| | | | Direction Arrow |
| | | | Hi-Pressure Switch |
| | | | Low Pressure Switch |

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Scale: NTS

Rev: 004

Drawn: MC

Date: 08-01-2007

Example- System/Zone 4, Geothermal Heat Pump,
Domestic Hot Water Cylinder, 2 Underfloor Heating
Zones