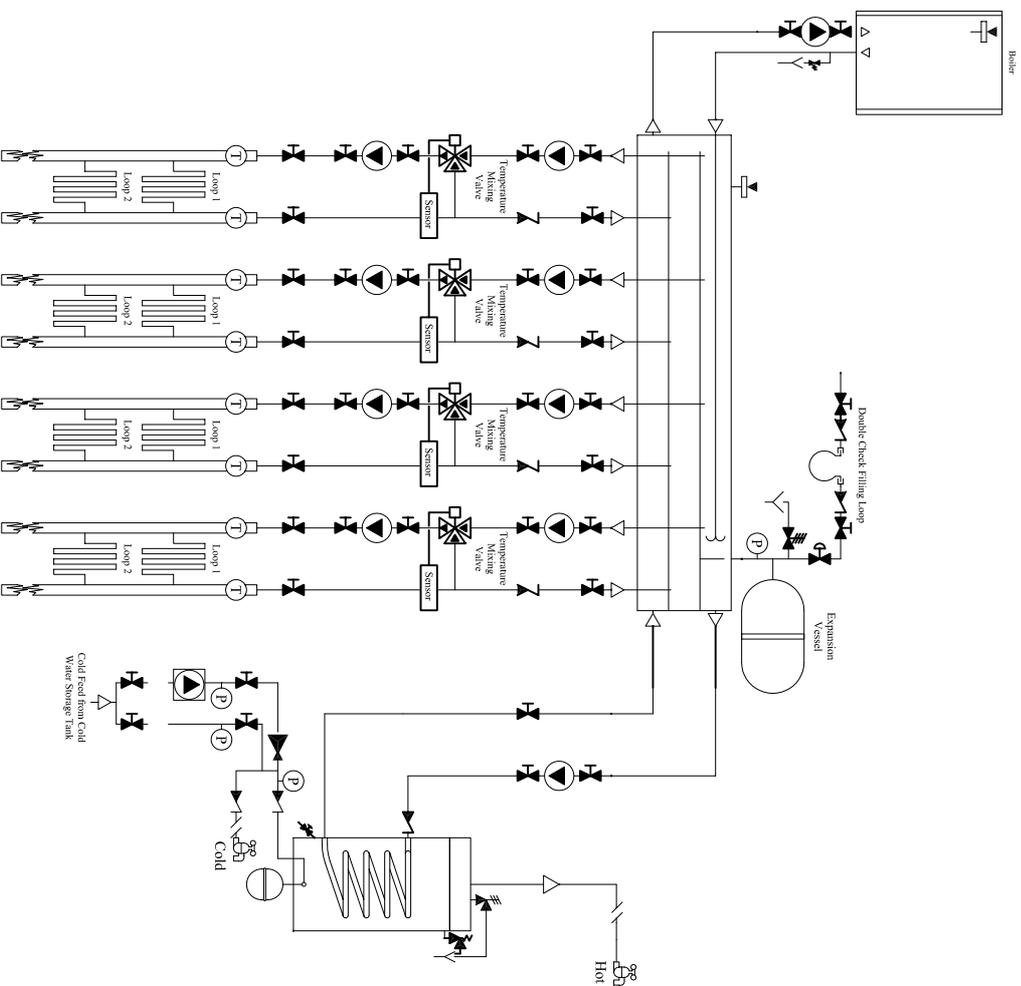


## Information

### Notes

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.

This schematic shows the key components in the mechanical system and the list of materials shown is not exhaustive. All systems should be installed by a qualified installer and should be installed in accordance with building regulations. Systemlink will not be held responsible for any errors shown in the schematic.



### LEGEND

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

Example: Heating Schematic  
1 Gas Boiler, 4 Underfloor Zones, 1 DHW Zone

Scale: NTS

Rev: 001

Drawing No. 01000410

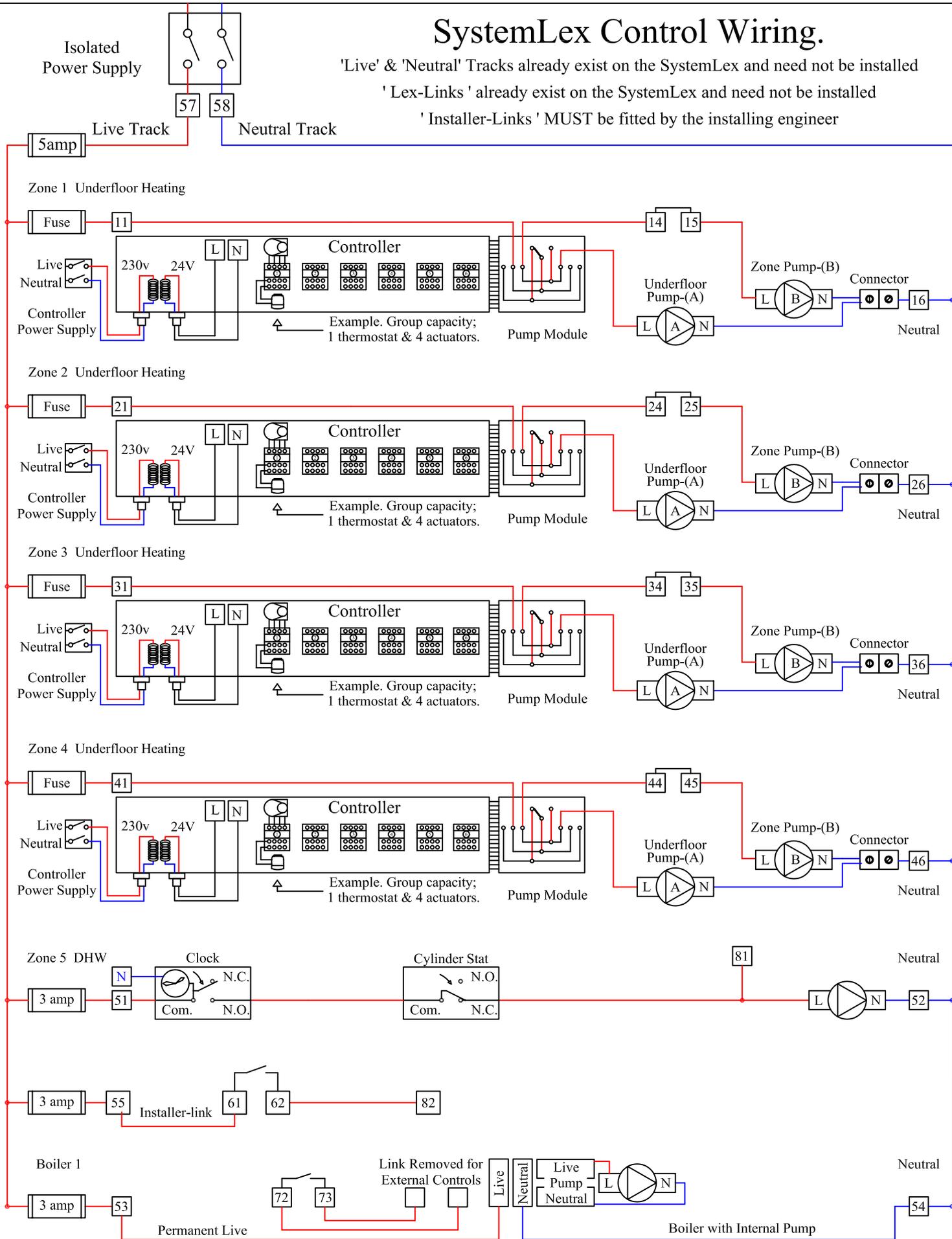
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# SystemLex Control Wiring.

'Live' & 'Neutral' Tracks already exist on the SystemLex and need not be installed

'Lex-Links' already exist on the SystemLex and need not be installed

'Installer-Links' MUST be fitted by the installing engineer



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Example - Controls Wiring Schematic with SystemLex  
1 Gas Boiler, 4 Underfloor Zones, 1 DHW Zone

DETAILS

Scale: NTS

Rev: 001

Drawing No.  
01000410

To aid diagram clarity, EARTH connections are not shown but must be installed in accordance with manufacturers instructions