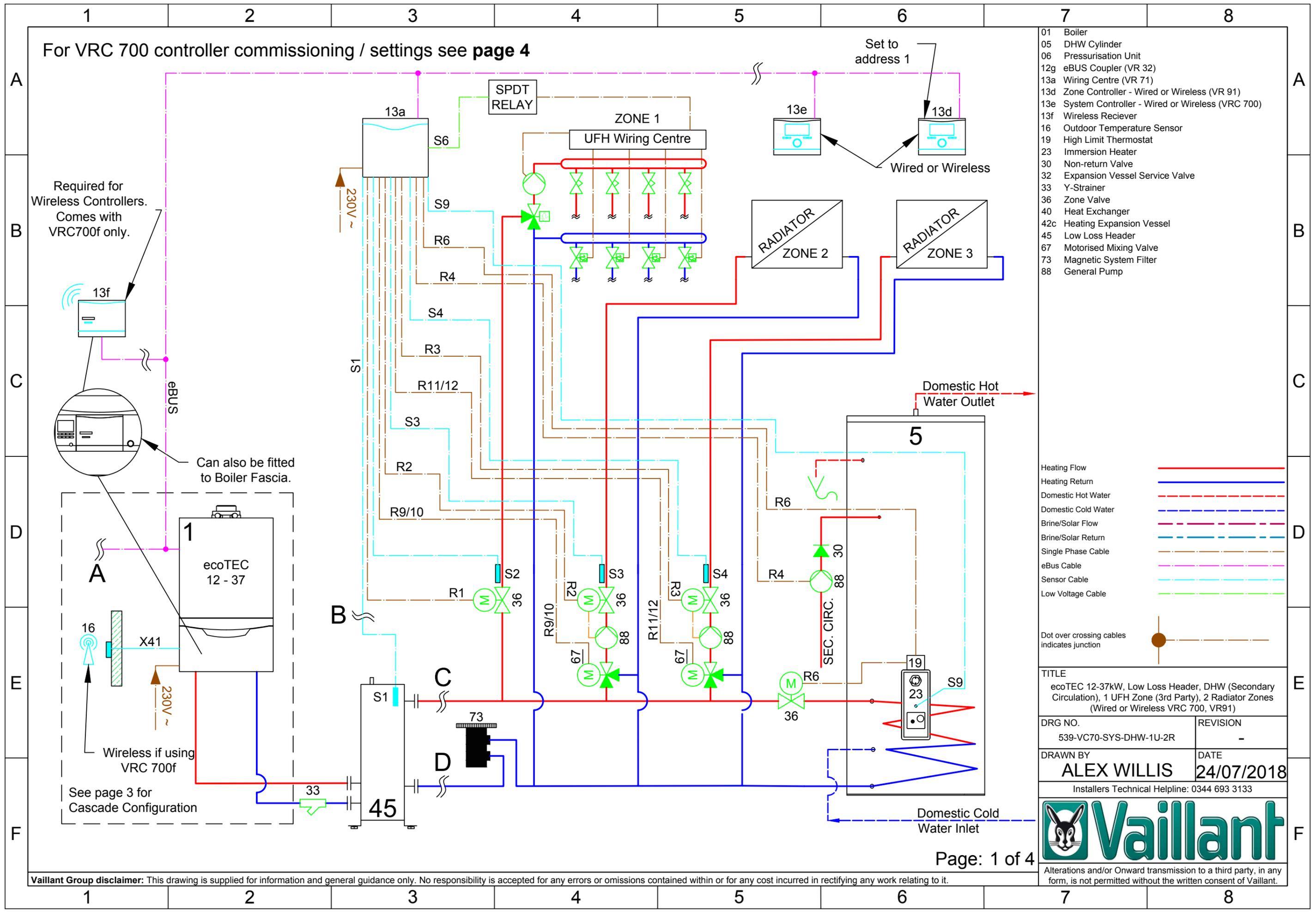
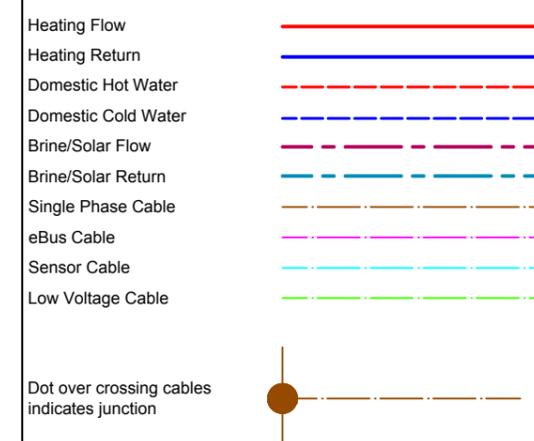


For VRC 700 controller commissioning / settings see **page 4**



- 01 Boiler
- 05 DHW Cylinder
- 06 Pressurisation Unit
- 12g eBUS Coupler (VR 32)
- 13a Wiring Centre (VR 71)
- 13d Zone Controller - Wired or Wireless (VR 91)
- 13e System Controller - Wired or Wireless (VRC 700)
- 13f Wireless Receiver
- 16 Outdoor Temperature Sensor
- 19 High Limit Thermostat
- 23 Immersion Heater
- 30 Non-return Valve
- 32 Expansion Vessel Service Valve
- 33 Y-Strainer
- 36 Zone Valve
- 40 Heat Exchanger
- 42c Heating Expansion Vessel
- 45 Low Loss Header
- 67 Motorised Mixing Valve
- 73 Magnetic System Filter
- 88 General Pump



TITLE  
ecoTEC 12-37kW, Low Loss Header, DHW (Secondary Circulation), 1 UHFH Zone (3rd Party), 2 Radiator Zones (Wired or Wireless VRC 700, VR91)

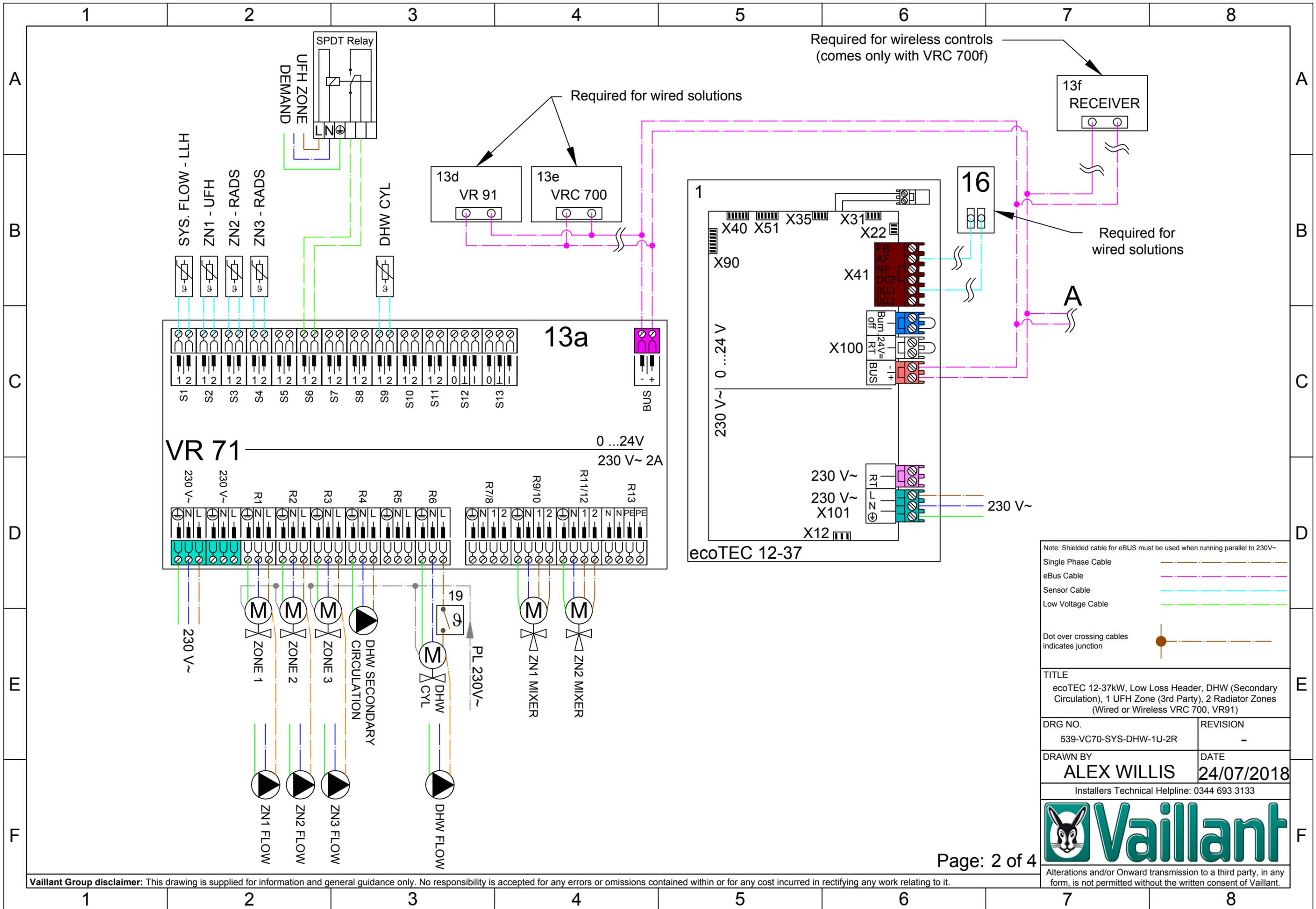
DRG NO. 539-VC70-SYS-DHW-1U-2R	REVISION -
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Required for wireless controls  
(comes only with VRC 700f)

Required for wired solutions

Required for wired solutions

A

Dot over crossing cables indicates junction

TITLE  
ecoTEC 12-37kW, Low Loss Header, DHW (Secondary Circulation), 1 UFH Zone (3rd Party), 2 Radiator Zones (Wired or Wireless VRC 700, VR91)

DRG NO. 539-VC70-SYS-DHW-1U-2R	REVISION -
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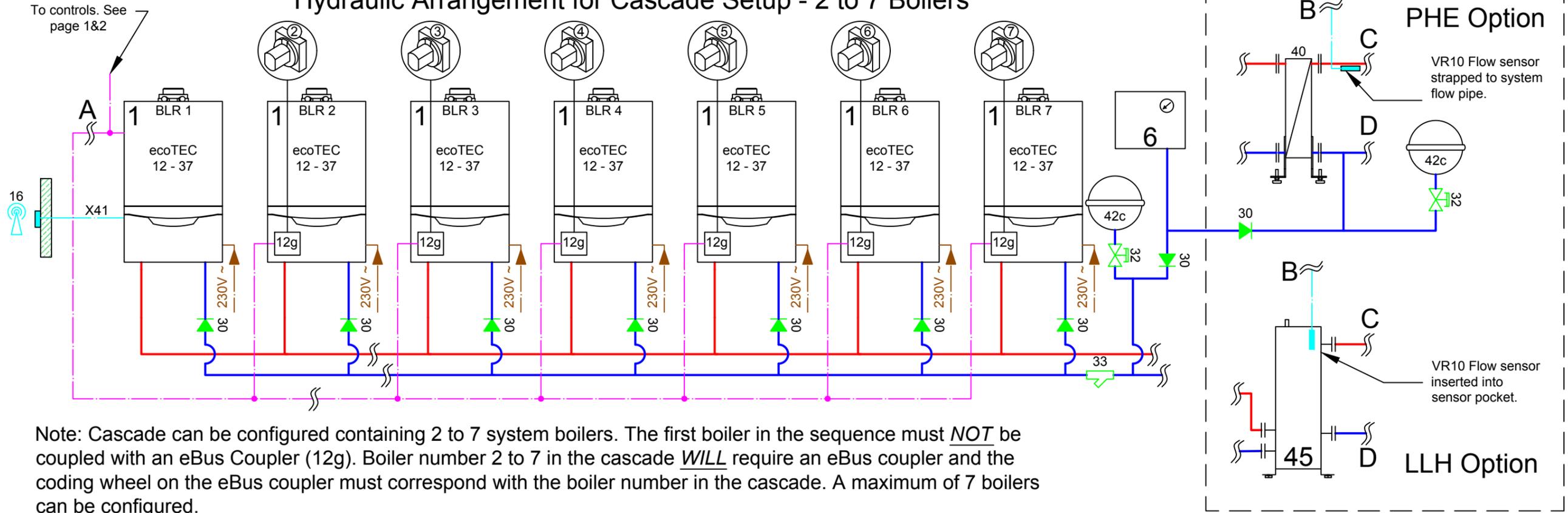
DRAWN BY <b>ALEX WILLIS</b>	DATE <b>24/07/2018</b>
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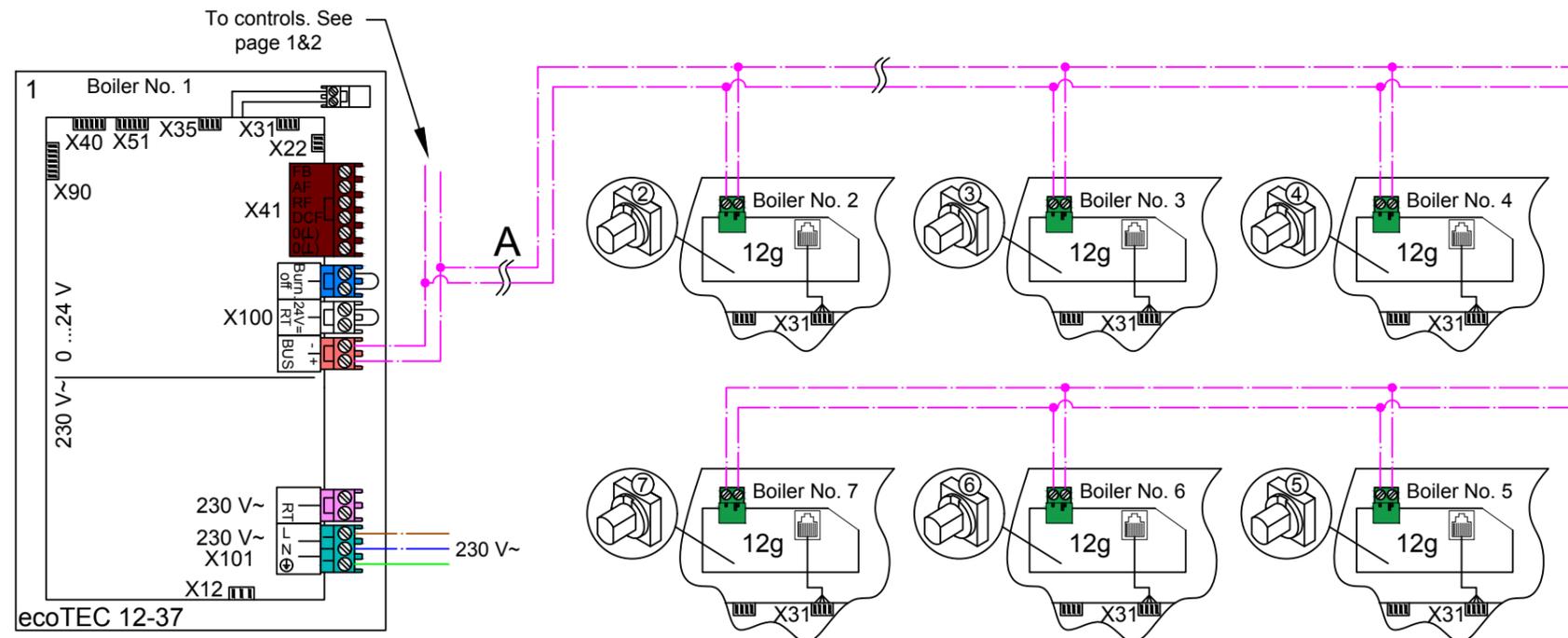
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## Hydraulic Arrangement for Cascade Setup - 2 to 7 Boilers



Note: Cascade can be configured containing 2 to 7 system boilers. The first boiler in the sequence must **NOT** be coupled with an eBus Coupler (12g). Boiler number 2 to 7 in the cascade **WILL** require an eBus coupler and the coding wheel on the eBus coupler must correspond with the boiler number in the cascade. A maximum of 7 boilers can be configured.

## Wiring Arrangement for Cascade Setup - 2 to 7 Boilers



Note: Under the System Configuration menu in the VRC 700 it is recommended to set the 'Actuation Reversal' setting to 'On'. This will ensure equal running hours for all boilers.

## VRC 700 System Configuration Relevant Settings

Setting	Value
<b>System</b>	
Adaptive heat. curve	Yes
Configure heat. circ.	Zone2
<b>System diagram configuration</b>	
System diagram	2
Config.: VR71	3
MA VR71	Circ. pump
<b>HEATING1</b>	
Type of circuit	Heating
* Max limit outs.temp.	25 °C
Maximum temperature	45 °C
Auto Off mode	Eco
Room temp. mod.	None
<b>HEATING2</b>	
Type of circuit	Heating
* Max limit outs.temp.	25 °C
Maximum temperature	Property Dependent
Auto Off mode	Set-back
Room temp. mod.	Thermost.
<b>HEATING3</b>	
Type of circuit	Heating
* Max limit outs.temp.	25 °C
Maximum temperature	Property Dependent
Auto Off mode	Set-back
Room temp. mod.	Thermost.

Setting	Value
<b>ZONE1</b>	
Zone activated	Yes
Zone assignment	Without
<b>ZONE2</b>	
Zone activated	Yes
* Set-back temp. heat.	15 °C
Zone assignment	VRC700
<b>ZONE3</b>	
Zone activated	Yes
* Set-back temp. heat.	15 °C
Zone assignment	VR91 ad.1



**Note:**

- Settings with asterisk (\*) are recommendations and not necessarily vital to system operation.
- Not all settings are displayed, commissioning of the controller should be done diligently; going through each adjustable option with consideration to the property and system configuration.

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TITLE ecoTEC 12-37kW, Low Loss Header, DHW (Secondary Circulation), 1 UFH Zone (3rd Party), 2 Radiator Zones (Wired or Wireless VRC 700, VR91)	
DRG NO. 539-VC70-SYS-DHW-1U-2R	REVISION -
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