

LEGEND

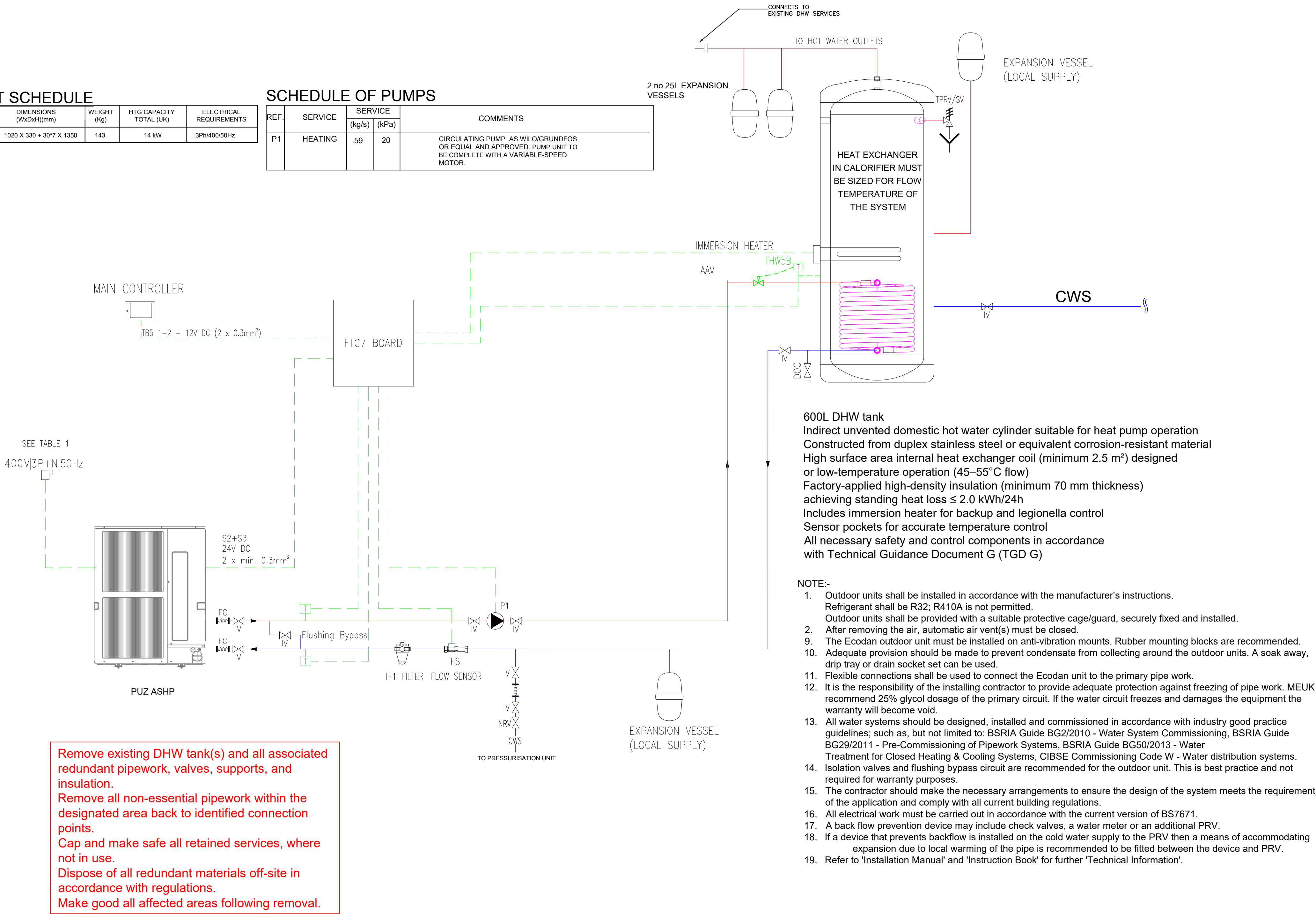
	EXPANSION VESSEL
	AUTOMATIC AIR VENT (AAV)
	ISOLATING VALVE
	DRAIN OFF COCK
	NON RETURN VALVE
	TEMPERATURE PRESSURE RELIEF VALVE/SAFETY VALVE
	FLEXIBLE CONNECTION
	PUMP
	TEMPERATURE SENSOR
	FILTER/ STRAINER
	FLOW STRAINER
	CONTROL WIRING
	FLOW PIPE
	RETURN PIPE

OUTDOOR UNIT SCHEDULE

SYSTEM REF	MODEL REF	DIMENSIONS (WxDxH)(mm)	WEIGHT (Kg)	HTG CAPACITY TOTAL (UK)	ELECTRICAL REQUIREMENTS
OD-01	PUZ-HWM140YHA (-BS)	1020 X 330 + 30*7 X 1350	143	14 kW	3Ph/400/50Hz

SCHEDULE OF PUMPS

REF.	SERVICE	SERVICE (kg/s) (kPa)	COMMENTS
P1	HEATING	.59 20	CIRCULATING PUMP AS WILO/GRUNDFOS OR EQUAL AND APPROVED. PUMP UNIT TO BE COMPLETE WITH A VARIABLE-SPEED MOTOR.



- NOTE:-
- Outdoor units shall be installed in accordance with the manufacturer's instructions. Refrigerant shall be R32; R410A is not permitted. Outdoor units shall be provided with a suitable protective cage/guard, securely fixed and installed.
 - After removing the air, automatic air vent(s) must be closed.
 - The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
 - Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
 - Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
 - It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
 - All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
 - Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
 - The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
 - All electrical work must be carried out in accordance with the current version of BS7671.
 - A back flow prevention device may include check valves, a water meter or an additional PRV.
 - If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.
 - Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'.

Rev.	Date	Description	Eng.	App.	Rev.	Date	Description	Eng.	App.	Rev.	Date	Description	Eng.	App.	Client.	Project.	Title.	
															WAYSIDE CELTIC FOOTBALL CLUB	Boiler and DHW replacement project	PROPOSED DHW SERVICES SCHEMATIC	
															Architect.	Service.	Project Number.	
															N/A	MECHANICAL	623.1.1	
															Drawing Status.		Revision.	
															Design Intent drawings - for tender purposes only		1	
															Scale(s).	Date.	Drawing number.	
															NTS @ A1	APR 2026	SCH-PH55-001	
															Eng./CAD	DL	Checked.	CG