

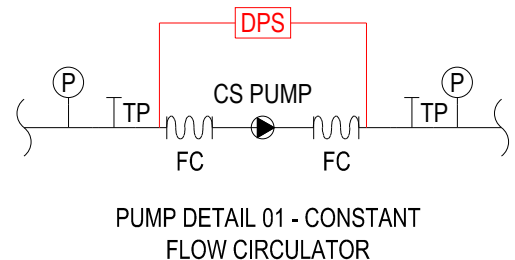
THIS DRAWING IS INDICATIVE AND REPRESENTS ONLY THE DESIGN INTENT, THE CONTRACTOR MUST PRODUCE FULLY CO-ORDINATED WORKING / INSTALLATION DRAWINGS AS REFERRED TO IN THE CONTRACT DOCUMENTATION

NOTES

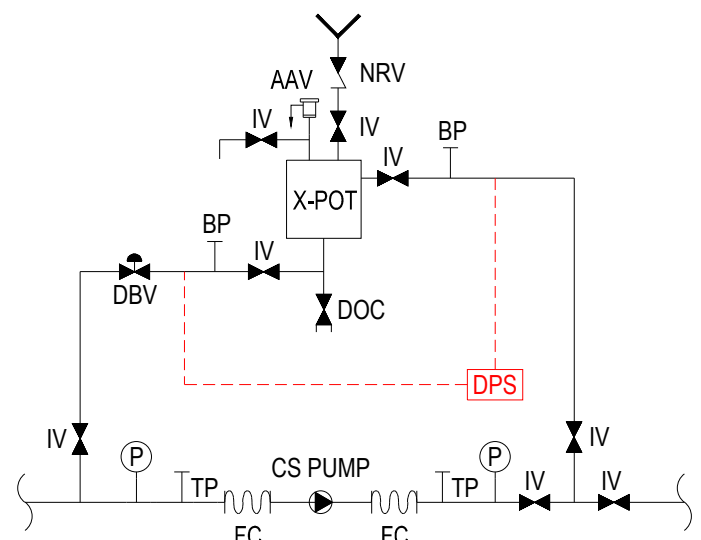
- DO NOT SCALE FROM THIS DRAWING.
- DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS & ALL RELEVANT BRITISH STANDARD DOCUMENTS.
- THIS DRAWING IS INDICATIVE AND REPRESENTS THE DESIGN INTENT THE SYSTEM MANUFACTURER SHOULD BE CONSULTED PRIOR TO INSTALL TO ENSURE ALL PLANT AND EQUIPMENT IS ARRANGED AS APPROPRIATE WITH THEIR INSTALLATION INSTRUCTIONS.
- ALL FITTINGS, PLANT & EQUIPMENT TO BE INSTALLED, REGULATED & TESTED IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS.
- ALL PIPEWORK & VALVES TO BE INSTALLED ALL AS PER SPECIFICATION.
- ALL HIGH POINTS IN SYSTEM TO INCLUDE AUTOMATIC AIR VALVE & ALL LOW POINTS INCLUDE A DRAIN OFF COCK.
- ALL PIPEWORK TO BE ADEQUATELY SUPPORTED THROUGHOUT ITS LENGTH.
- ALL PIPES PASSING THROUGH FIRE STOP BARRIERS TO BE SLEEVED BEYOND THE BARRIER TO A MINIMUM LENGTH OF 300mm WITH BARRIER FIRE STOP MATERIAL.
- ALL PIPEWORK TO BE INSTALLED IN MEDIUM GRADE STEEL.
- ALL FINAL CONNECTIONS TO RADIATORS TO BE 15mmØ UNLESS OTHERWISE STATED.
- FOR ALL EQUIPMENT AND VALVE STANDARD DETAILS REFER TO (S6)02.
- ALL CONNECTIONS TO RADIATORS TO INCLUDE A BALL VALVE ON THE FLOW AND RETURN, MOUNTED EITHER IN THE FLOOR VOID OR THE CEILING VOID.
- ALL PIPEWORK WITHIN NON ACCESSIBLE CEILINGS & WITHIN FLOOR TRENCHES TO BE FULLY WELDED/BRAZED. ALL PIPEWORK DROPPING WITHIN BOX OUTS TO SERVE RADIATORS TO ALSO BE FULLY WELDED/BRAZED.

LEGEND

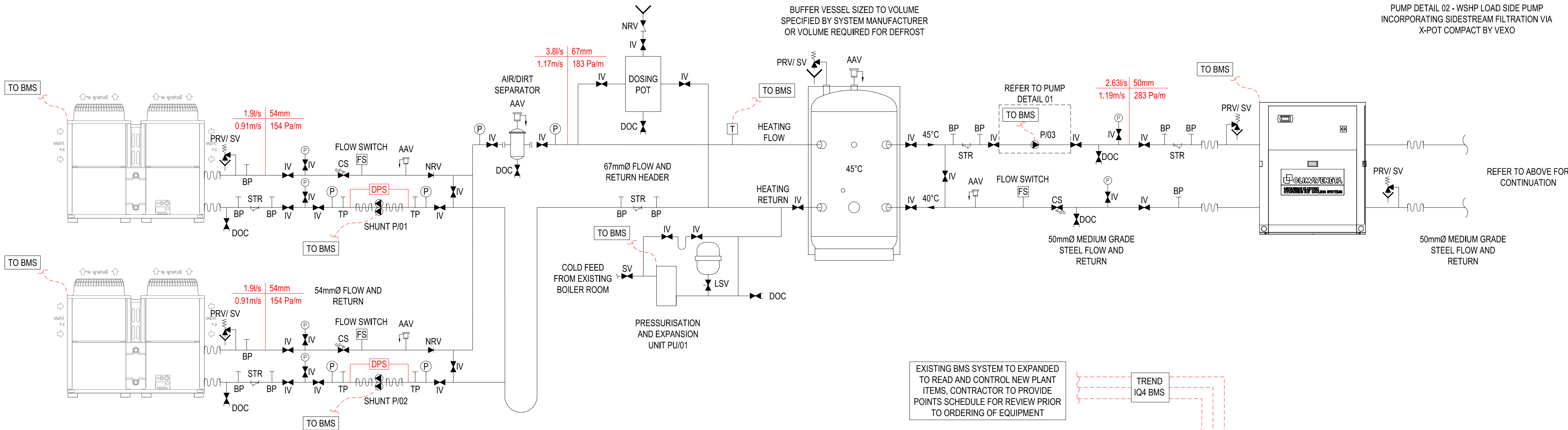
---	PIPEWORK IN CEILING VOID
---	PIPEWORK AT HIGH LEVEL
---	PIPEWORK AT LOW LEVEL
---	PIPEWORK BELOW FINISHED FLOOR LEVEL
CV	= CEILING VOID
FA	= FROM ABOVE
TA	= TO ABOVE
FB	= FROM BELOW
TB	= TO BELOW
HL	= HIGH LEVEL
LL	= LOW LEVEL
IV	= ISOLATING VALVE
SV	= STOP VALVE
BV	= 1/4 TURN BALL VALVE
LSV	= LOCKSHIELD VALVE
NRV	= NON RETURN VALVE
DCVA	= DOUBLE CHECK VALVE
DOC	= DRAIN-OFF COCK



PUMP DETAIL 01 - CONSTANT FLOW CIRCULATOR



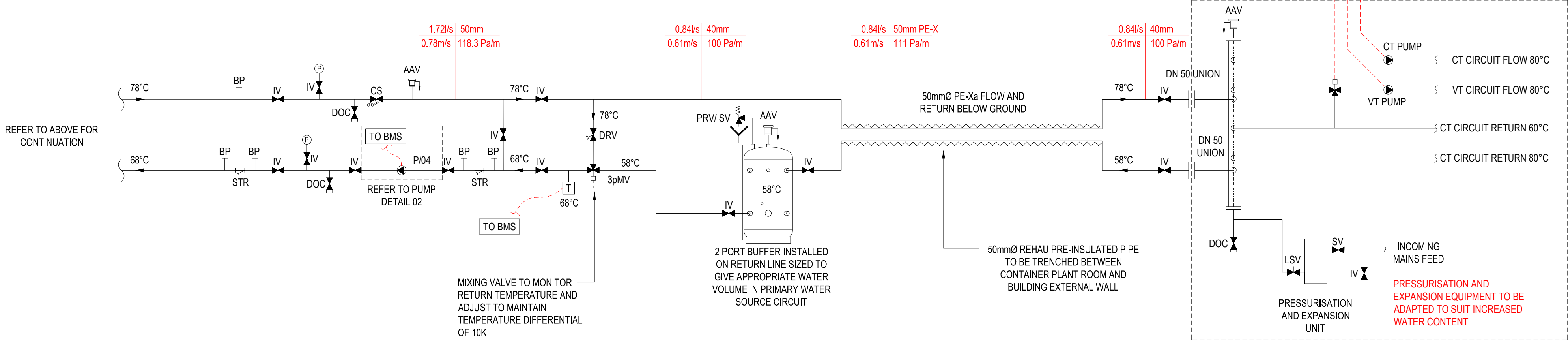
PUMP DETAIL 02 - WSHWP LOAD SIDE PUMP INCORPORATING SIDESTREAM FILTRATION VIA X-POT COMPACT BY VEXO



EXISTING BMS SYSTEM TO EXPANDED TO READ AND CONTROL NEW PLANT ITEMS, CONTRACTOR TO PROVIDE POINTS SCHEDULE FOR REVIEW PRIOR TO ORDERING OF EQUIPMENT

TREND IQ4 BMS

BUILDING DISTRIBUTION SYSTEM REMAINS AS EXISTING



EXISTING MAINS FEED TO BE TEED AND RUN ALONGSIDE HEATING PIPEWORK WITHIN TRENCH TO SERVE PRESSURISATION SYSTEM WITHIN CONTAINER PLANT ROOM

P01	STAGE 4 ISSUE	SI	IC	IC	05/24
REV	DESCRIPTION	BY	CHK	APP	DATE

Project Status: STAGE 4



Project: 312991
GREATER MANCHESTER
FIRE AND RESCUE SERVICE
CARBON 4 PROJECTS

Drawing Title:
BURY COMMUNITY FIRE
STATION PROPOSED LTHW
SYSTEM SCHEMATIC

Scale @ A1	Date	Engineer	Revision
N.T.S	APR 2024	SI	
Drawing No.	312991-HAH-BY-00-D-M-05602		P01