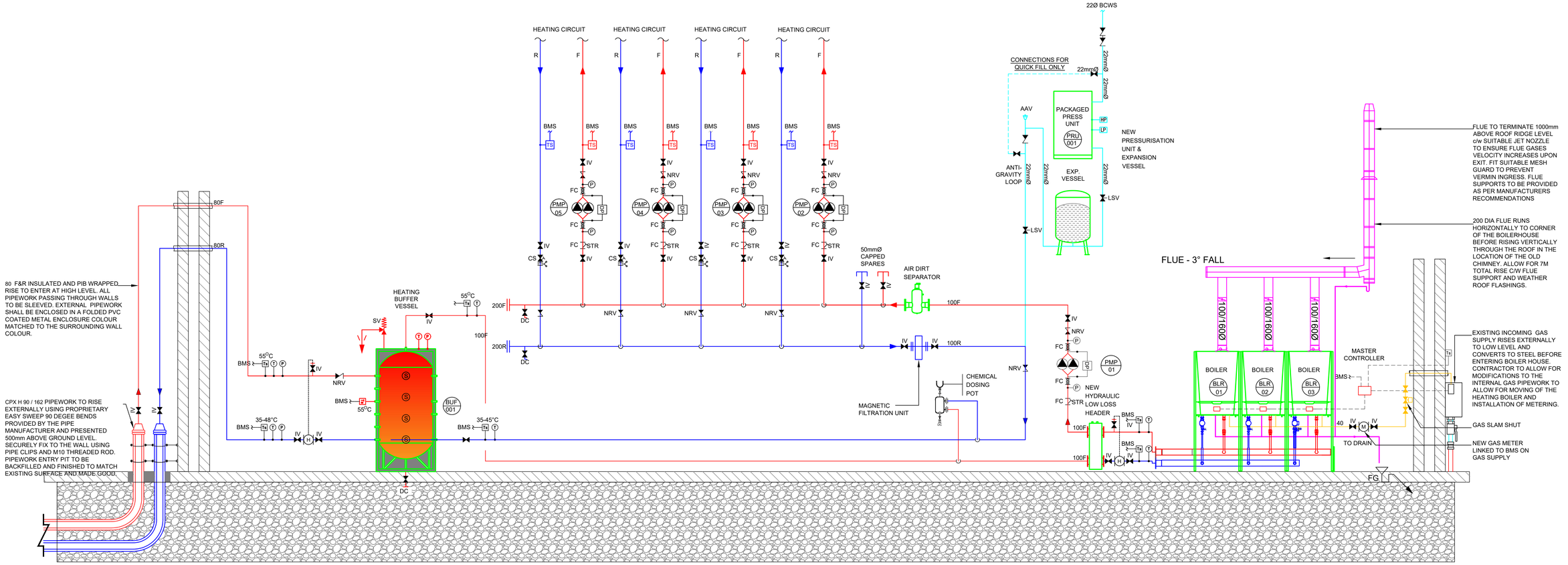
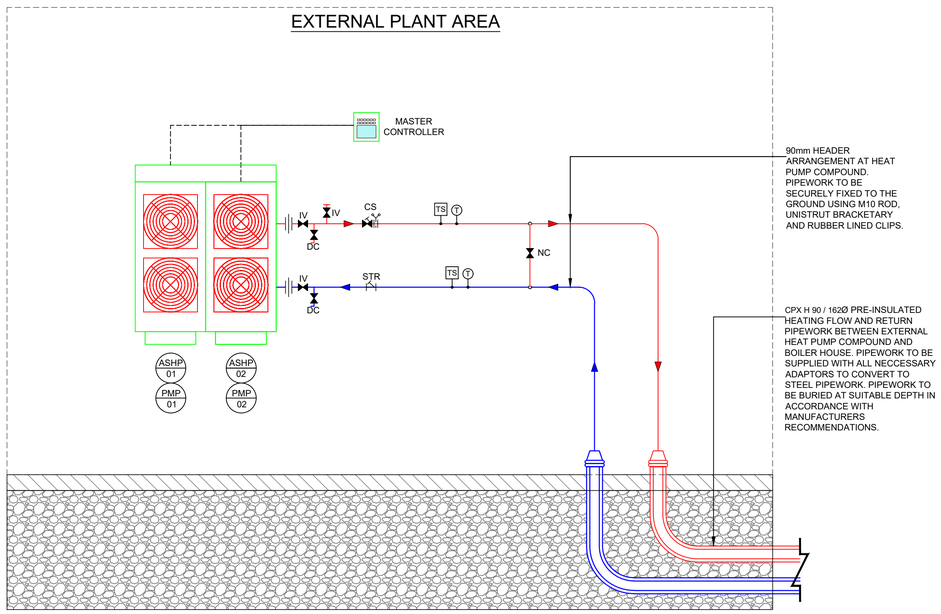
BOILERHOUSE SCHEMATIC

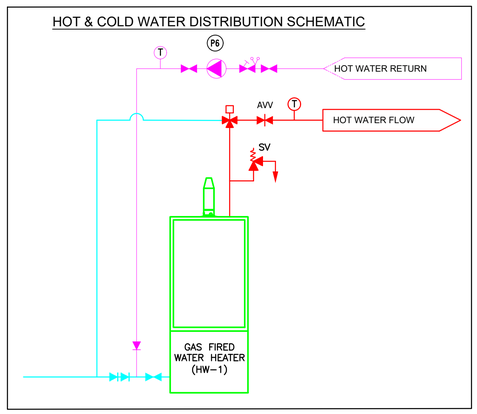
THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS



EXTERNAL PLANT AREA



HOT & COLD WATER DISTRIBUTION SCHEMATIC



LTHW HEATING LEGEND

- ISOLATION VALVE
- NON RETURN CHECK VALVE
- DOUBLE REGULATING VALVE
- COMMISSIONING VALVE
- COMMISSIONING SET
- THREE PORT CONTROL VALVE
- THREE PORT VALVE
- TWO PORT CONTROL VALVE
- ANGLE PRESSURE RELIEF SAFETY VALVE
- MEASURING STATION
- LOCKSHIELD VALVE
- DEADWEIGHT VALVE
- PRESSURE RELIEF SAFETY VALVE
- PRESSURE INDEPENDENT CONTROL VALVE
- DIFFERENTIAL PRESSURE VALVE
- DIFFERENTIAL PRESSURE VALVE C/W TWO PORT CONTROL
- ANGLE VALVE
- STRAINER
- FLEXIBLE CONNECTION
- ANCHOR POINT
- EXPANSION GUIDE
- EXPANSION BELLOWS
- DRAINCOCK C/W HOSE UNION
- HEAT METER
- METER
- SINGLE PUMP
- TWIN PUMP
- DIFFERENTIAL PRESSURE SENSOR
- TEMPERATURE GAUGE
- TEMPERATURE SENSOR
- PRESSURE GAUGE
- PRESSURE SENSOR
- ROOM SENSOR
- AUTOMATIC AIR VENT
- MANUAL AIR VENT

- PIPEWORK AT LOW LEVEL
- PIPEWORK AT HIGH LEVEL
- PIPEWORK IN CEILING VOID
- PIPEWORK UNDER FLOOR
- HEATING FLOW PIPEWORK SERVING GF
- HEATING RETURN PIPEWORK SERVING GF
- HEATING FLOW PIPEWORK SERVING FF
- HEATING RETURN PIPEWORK SERVING FF
- HEATING FLOW/RETURN PIPEWORK SERVING CIRCULATION
- HEATING FLOW/RETURN PIPEWORK CONSTANT TEMP

LPHW	LOW PRESSURE HOT WATER
MPHW	MEDIUM PRESSURE HOT WATER
HPHW	HIGH PRESSURE HOT WATER
VTC	VARIABLE TEMPERATURE CIRCUIT
CTC	CONSTANT TEMPERATURE CIRCUIT
DTA	DROPS TO ABOVE
DTB	DROPS TO BELOW
RTA	RISES TO ABOVE
RFB	RISES FROM BELOW
C/V	CEILING VOID
H/L	HIGH LEVEL
L/L	LOW LEVEL

REV	DESCRIPTION	DRN	CKD	DATE
P02	TENDER STAGE	KC	SK	20.04.2026
P01	TA ISSUE	SK	SF	02-04-2026

ISSUE: TENDER STAGE

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PROJECT TITLE
SCHOOLS ENERGY PATHFINDER - 8.7 ST OLIVERS POST PRIMARY

DRAWING TITLE
BOILERHOUSE HEATING SCHEMATIC

DRAWING REFERENCE	DRN	SCALE
3232-SMK-8.7-ZZ-SC-M-5601	SK	NTS @ A1

Project Originator Volume Level Type Role Number