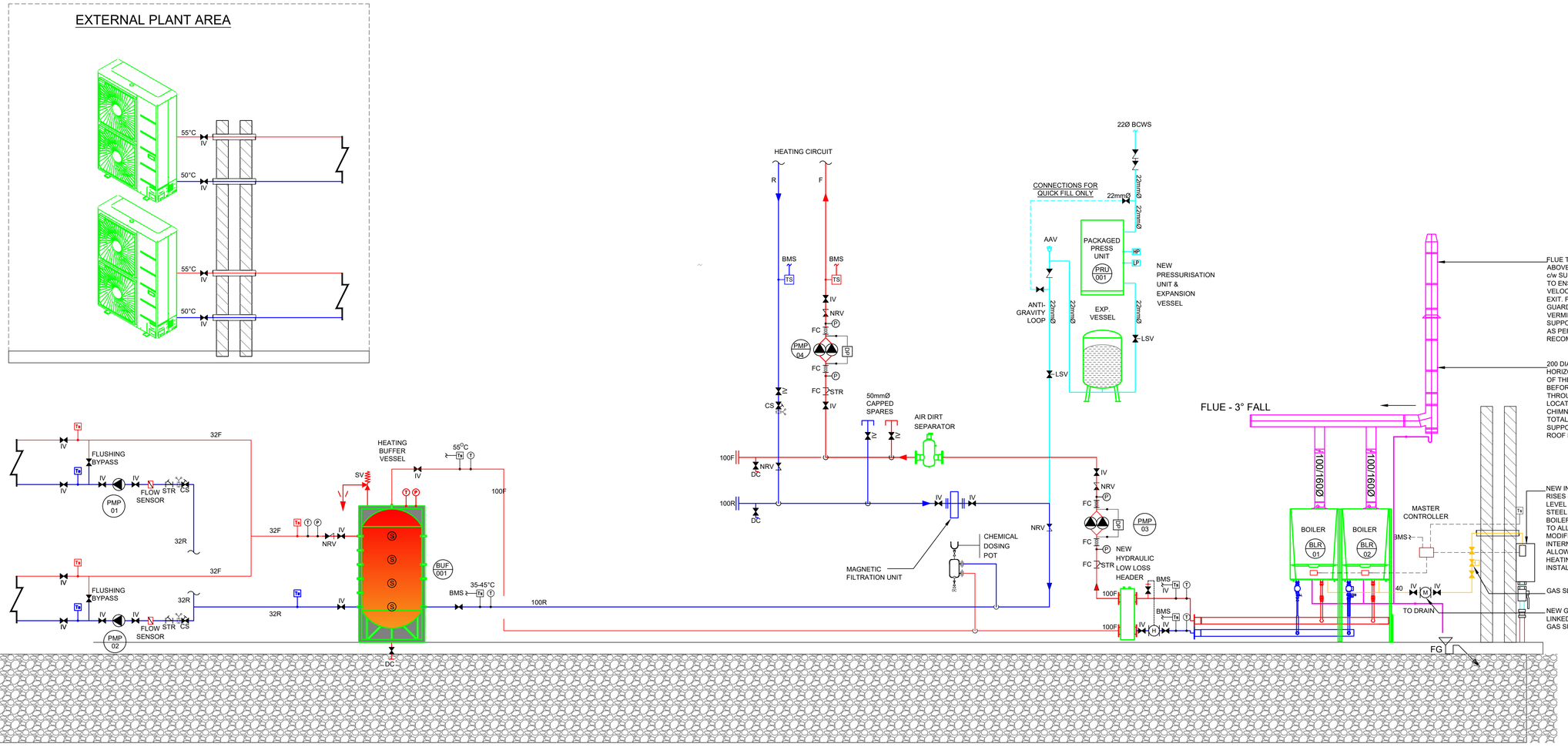
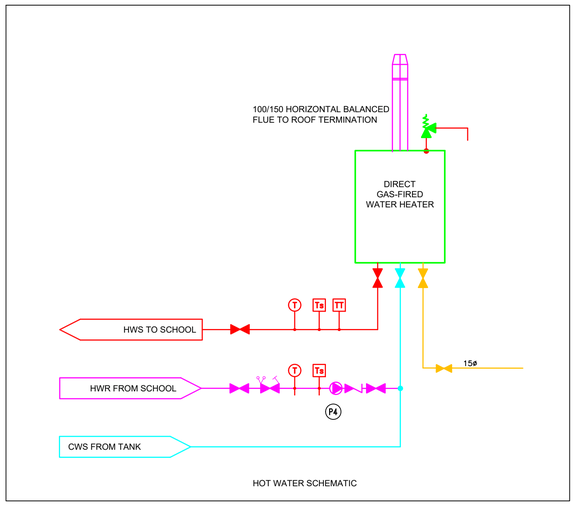
THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS



BOILERHOUSE 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
- 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	PRELIMINARY	KC	SK	13.04.2026

ISSUE: TENDER STAGE

semple mckillop
NATURALLY INNOVATIVE **CONSULTING ENGINEERS**
ISO 9001 ISO 14001 ISO 45001 Registered
Belfast +44 (0)28 90331700
Castleblayney +353 (0)42 9749570
www.semplemckillop.com admin@semplemckillop.com

PROJECT TITLE
ENERGY PATHFINDER MEATH SCHOOLS
S N CUL AN MHUILNN - 8.4

DRAWING TITLE
BOILERHOUSE HEATING SCHEMATICS

DRAWING REFERENCE	DRN	SCALE
3232-SMK-ZZ-SC-M-5604 (Project – Originator – Volume – Level – Type – Role – Number)	KC	NTS @ A1