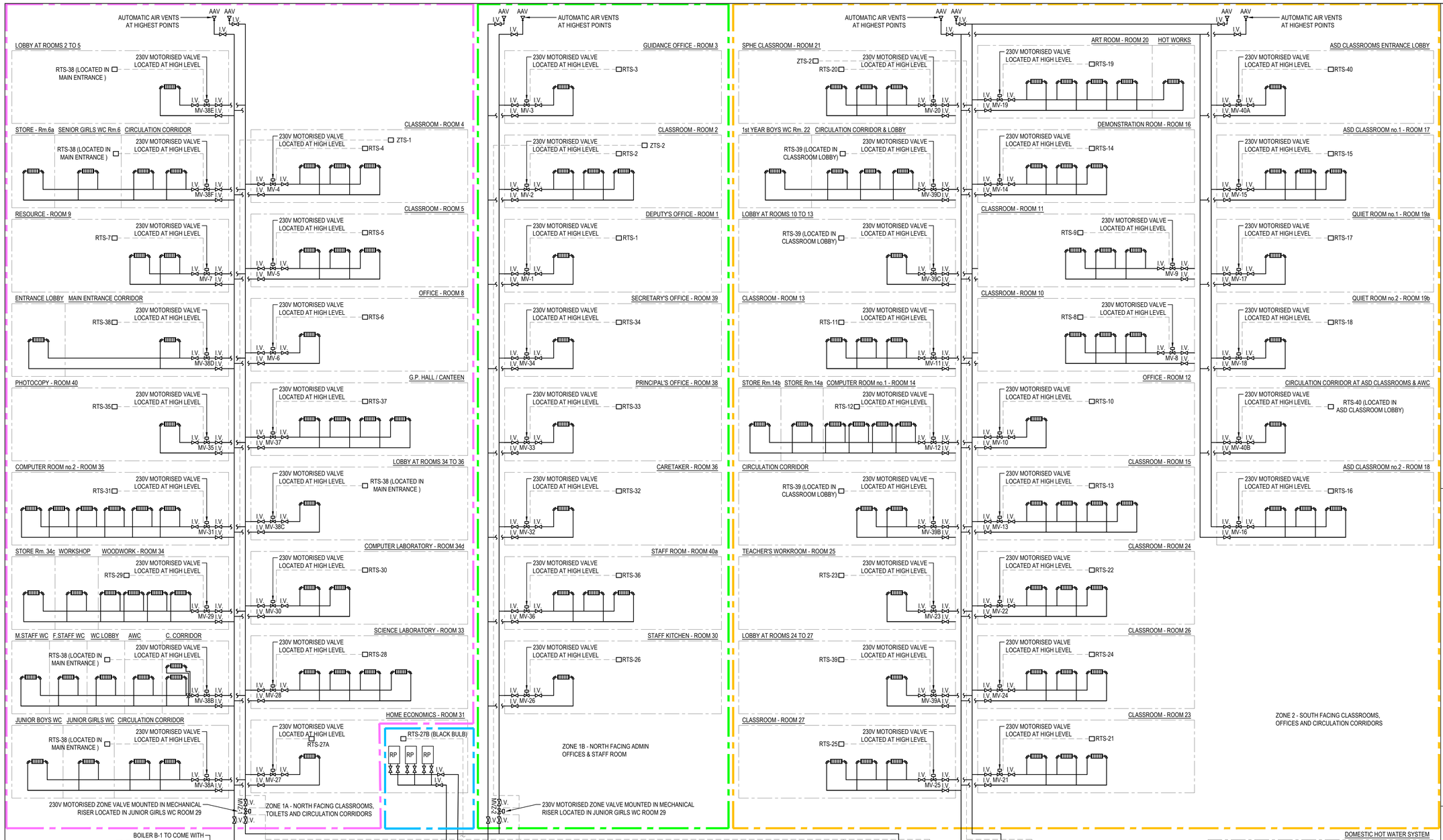
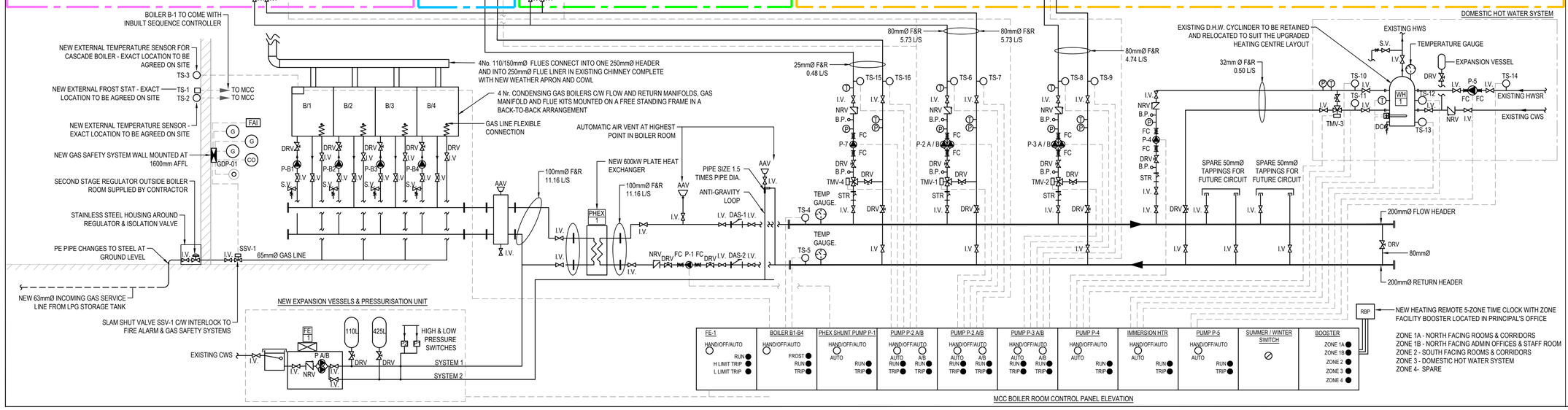




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NOTES:

1. THIS DRAWING IS INDICATIVE ONLY AND SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION & ALL OTHER RELEVANT DRAWINGS.
2. THIS DRAWING MUST NOT BE SCALED. WORK TO FIGURED & SITE OBTAINED DIMENSIONS ONLY.
3. CONTRACTOR SHALL TAKE FULL COGNISANCE OF THE PRELIMINARY HEALTH AND SAFETY PLAN, AND PROVIDE FULL METHOD STATEMENTS FOR ALL HAZARDOUS OPERATIONS LISTED THEREIN. METHOD STATEMENTS SHALL ALSO BE PROVIDED FOR ANY HAZARDOUS OPERATION WHICH BECOMES APPARENT THROUGHOUT THE CONSTRUCTION PHASE.
4. MECHANICAL CONTRACTOR, WITH RELEVANT SUB CONTRACTORS SHOULD CARRY OUT A SITE SURVEY PRIOR TO SUBMITTING COMPLETED TENDERS, TO ENSURE ALL COSTS ARE INCLUDED. NO COSTS FOR UNFORESEEN WORK WILL BE ACCEPTED.
5. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL BUILDERS WORK AS REQUIRED AND SPECIFIED IN THE TENDER DOCUMENTS.
6. MECHANICAL SERVICES CONTRACTOR IS FULLY RESPONSIBLE FOR ON SITE CO-ORDINATION WITH ALL OTHER TRADES & SPECIALISTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATING THE NEW MECHANICAL SERVICES SO AS TO ENSURE A NEAT AND FULLY ACCESSIBLE INSTALLATION WITH MINIMAL DISRUPTION TO THE BUILDING AND OTHER EXISTING SERVICES WHICH MUST BE RETAINED IN AS IS CONDITION.
8. WHERE A PARTICULAR MANUFACTURERS PRODUCTS ARE SPECIFIED IT SHALL BE READ AS EQUAL AND PRE-APPROVED BY THE ENGINEER.
9. ALL OPES (WALL & CEILING) SHALL HAVE WALL PLATES INSTALLED AROUND OPE AND PIPE. PLATES SHALL BE CAST WHITE METAL TYPE. IF CONSTRUCTED IN TWO PIECES, THEY SHALL BE FITTED WITH SUBSTANTIAL HINGES AND POSITIVE CATCHES.
10. ALL PIPEWORK TO BE MEDIUM GRADE STEEL WITH THREADED CONNECTIONS. PIPEWORK TO BE PAINTED TO MATCH WALL COLOURS / TO CLIENT SELECTED COLOUR BY A SPECIALIST PAINTING SUBCONTRACTOR.
11. ALL RADIATORS TO BE MOUNTED AS SPECIFIED IN THE RADIATOR SCHEDULE.
12. ALL CONNECTIONS FROM RADIATORS TO HEATING PIPEWORK TO BE 15mmØ MEDIUM GRADE STEEL.
13. ALL HEADER RUNS OF PIPEWORK AT HIGH LEVEL AND ALL PIPEWORK LOCATED IN CEILING SPACE TO BE INSULATED WITH FOIL BACKED INSULATION AS PER SPECIFICATION.
14. PROVIDE AUTOMATIC AIR VENTS ON ALL HIGH POINTS ON PIPEWORK SYSTEMS.
15. PROVIDE DRAIN POINTS AT ALL LOW POINTS ON PIPEWORK SYSTEMS.
16. PROVIDE EXPANSION BELLOW ON STRAIT PIPE RUNS IN EXCESS OF 15 METERS.
17. ON COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL BE TESTED AND DEMONSTRATED TO THE ENGINEER/CLIENT AND COMMISSIONED TO ENSURE THAT IT IS OPERATING ACCORDING TO THE DESIGN REQUIREMENTS. THE COMMISSIONING SHALL INCLUDE CORRECT ADJUSTMENT AND SETTING OF ALL PLANT, VALVES, SENSORS, CONTROLS, DIP SWITCHES ETC.

LEGEND OF SYMBOLS

P-1	DENOTES SINGLE HEAD CIRCULATION PUMP
P-2A/B	DENOTES TWIN HEAD CIRCULATION PUMP
A.A.V.	AUTOMATIC AIR VENT
TRV	DENOTES MANUAL TRV
RTS*	DENOTES ANTI-TAMPER STAT WITH DIGITAL DISPLAY
ZTS*	DENOTES ZONE TEMPERATURE SENSOR
D.R.V.	DENOTES DOUBLE REGULATING VALVE WITH COMMISSIONING SET
STR	DENOTES STRAINER
DAS	DENOTES DIRT AIR STRAINER
MV-1	DENOTES PRESSURE INDEPENDENT TWO PORT ZONE CONTROL VALVES AS HERZ 7217 V
TMV-1	DENOTES THREE PORT MIXING VALVE WITH MOTORISED ACTUATOR
I.V.	DENOTES ISOLATION VALVE
NRV	DENOTES NON RETURN VALVE
B.P.	DENOTES BINDER POINT
S.V.	DENOTES SAFETY VALVE PIPE TO FLOOR DRAIN
RBP	NEW HEATING REMOTE 4-ZONE TIME CLOCK WITH ZONE FACILITY BOOSTER FOR 1 HOUR / 2 HOURS / 3 HOURS HEATING BOOST LOCATED IN PRINCIPAL'S OFFICE
SSV	DENOTES GAS SLAM SHUT VALVE
	DENOTES GAS DETECTION/PROVING PANEL
G	DENOTES LPG GAS DETECTION SENSOR
CO	DENOTES CARBON MONOXIDE DETECTION SENSOR
	DENOTES REMOTE EMERGENCY STOP BUTTON
	DENOTES RADIATOR
RP	DENOTES RADIANT PANEL

T1	REVISED TENDER ISSUE	LL	JF	JF	07/09/26
T0	TENDER ISSUE	LL	JF	JF	29/07/26
REV	DESCRIPTION	BY	CHK	APP	DATE

CLIENT:

LIMERICK AND CLARE EDUCATION AND TRAINING BOARD
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Project:

HEATING SERVICES UPGRADE & GAS CONVERSION EMERGENCY WORKS PROJECT 2026

Drawing Title:

PROPOSED HEATING SERVICES SCHEMATIC

Scale	Drawn	Checked	Approved	Date
NTS @ A1	LL	JF	JF	29/07/2026
Project No.	Type	Drawing No.		Revision
2625	M	2625-MS-01		T1

APPROVAL☐ INFORMATION☐ TENDER☒ CONTRACT☐ CONSTRUCTION☐