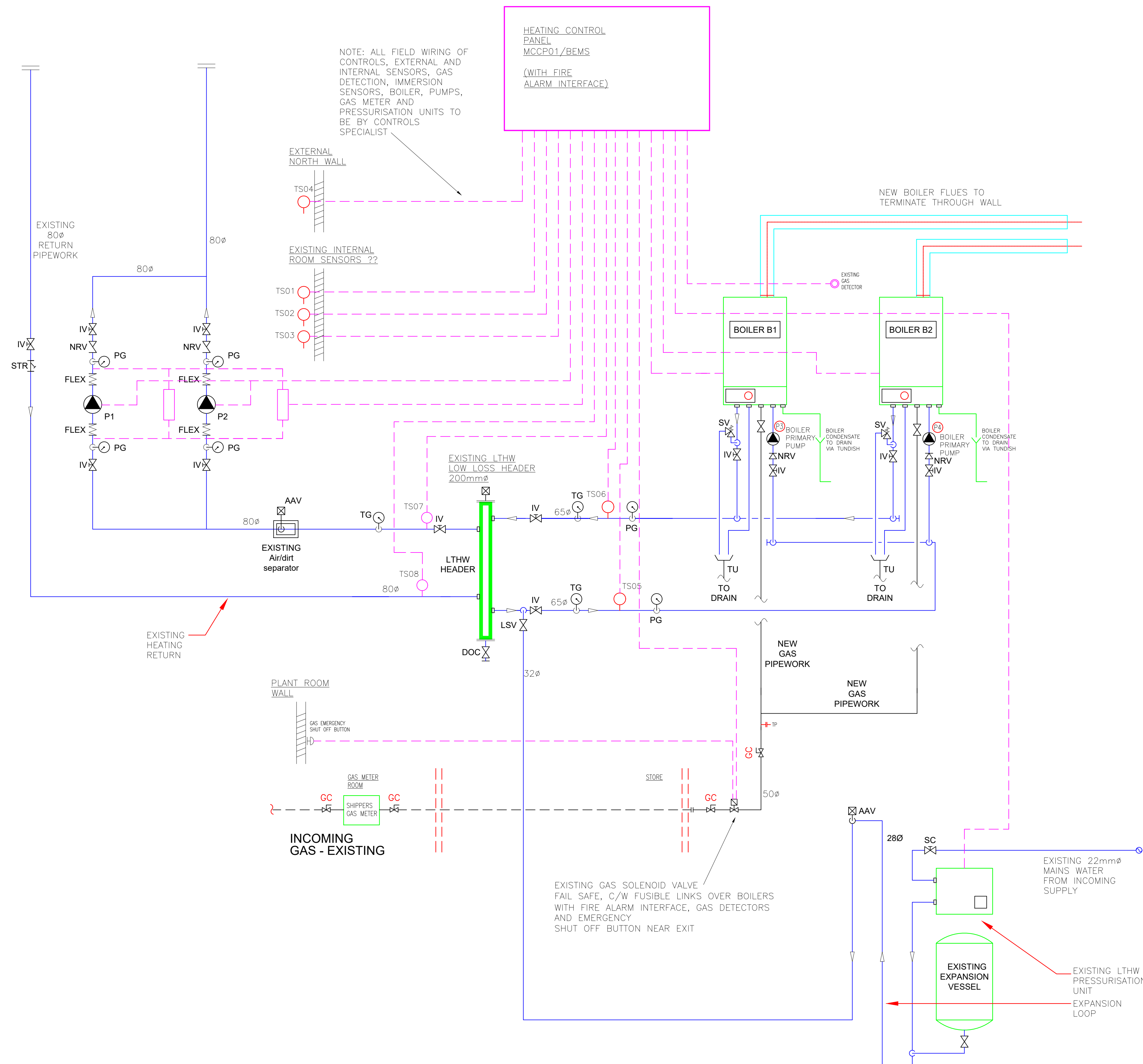


PROPOSED MECHANICAL SERVICES SCHEMATIC



GENERAL NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE MECHANICAL SPECIFICATION/DRAWINGS & ALL OTHER RELEVANT ENGINEERING & ARCHITECTURAL DRAWINGS.
2. DO NOT SCALE FROM THIS DRAWING.
3. HEATING - AIR VENTS SHALL BE INSTALLED AT ALL HIGH POINTS AND DRAIN COCKS SHALL BE PROVIDED AT ALL LOW POINTS, INCLUDING ALL RADIATORS.
4. ALL WORK PIPES THROUGH FLOORS SHALL BE SLEEVED & FIRE STOPPED WITH PROPRIETARY FIRE STOPPING MATERIAL. (REFER TO ARCHITECTS DRAWINGS FOR FIRE BARRIERS).
5. ISOLATING VALVES TO BE INSTALLED TO ALL MAIN AND SUB-BRANCHES.
6. ALL HEATING SERVICES PIPEWORK TO BE THERMALLY INSULATED IN ACCORDANCE WITH THE SPECIFICATION WITH ISOGENOPAK FINISH.
7. HEATING SYSTEM CONTRACTOR MUST BE GAS SAFE ACCREDITED.

LEGEND:

mm0	MILLIMETER DIAMETER.	PRV	PRESSURE REDUCING VALVE.
F&R	FLOW & RETURN.	IV	ISOLATING VALVE.
DTLL	DROP TO LOW LEVEL.	DCV	DOUBLE CHECK VALVE.
DTA	DROP FROM ABOVE.	LSV	LOOKSHEP VALVE.
RTB	RETURN TO BELOW.	NRV	NON-RETURN VALVE.
RTA	RISE TO ABOVE.	DCV	DOUBLE CHECK VALVE.
RFB	RISE FROM BELOW.	IDOC	DRAIN OFF COCK.
CV	CONTROL VALVE.	SC	STOP COCK.
LTHW	LOW TEMPERATURE HOT WATER.	CS	COMMISSIONING SET.
TG	TEMPERATURE GAUGE	M	WATER METER.
PG	PRESSURE GAUGE		
MCW	MAINS COLD WATER		PUMP.
AAV	AIR ADMITTANCE VALVE.	SV	SAFETY VALVE.
TU	TUNDISH		
TMV	THERMOSTATIC MIXING VALVE	TS	TEMPERATURE SENSOR

[illegible]

HTP
Hicks Titley Partnership
M&E Consulting Engineers

First Floor Offices
Moy Road Business Centre
Moy Road
Taffs Well
Cardiff CF15 7QR

029 2066 0269 

Project Title:
Merthyr Tydfil County Borough
Council Cyfarthfa Castle
Boiler Replacement

Drawing Title:
PROPOSED MECHANICAL
SERVICES SCHEMATIC

Stage TENDER

Scale NTS@A1

Design MRT	Signed <i>M. TITTLE</i>	Date 26/06/2022
Drawn MRT	Signed <i>M. TITTLE</i>	Date 26/06/2022
Approval PMH	Signed <i>P. HICKS</i>	Date 26/06/2022

DRAWING NO.
HTP-3218
M201