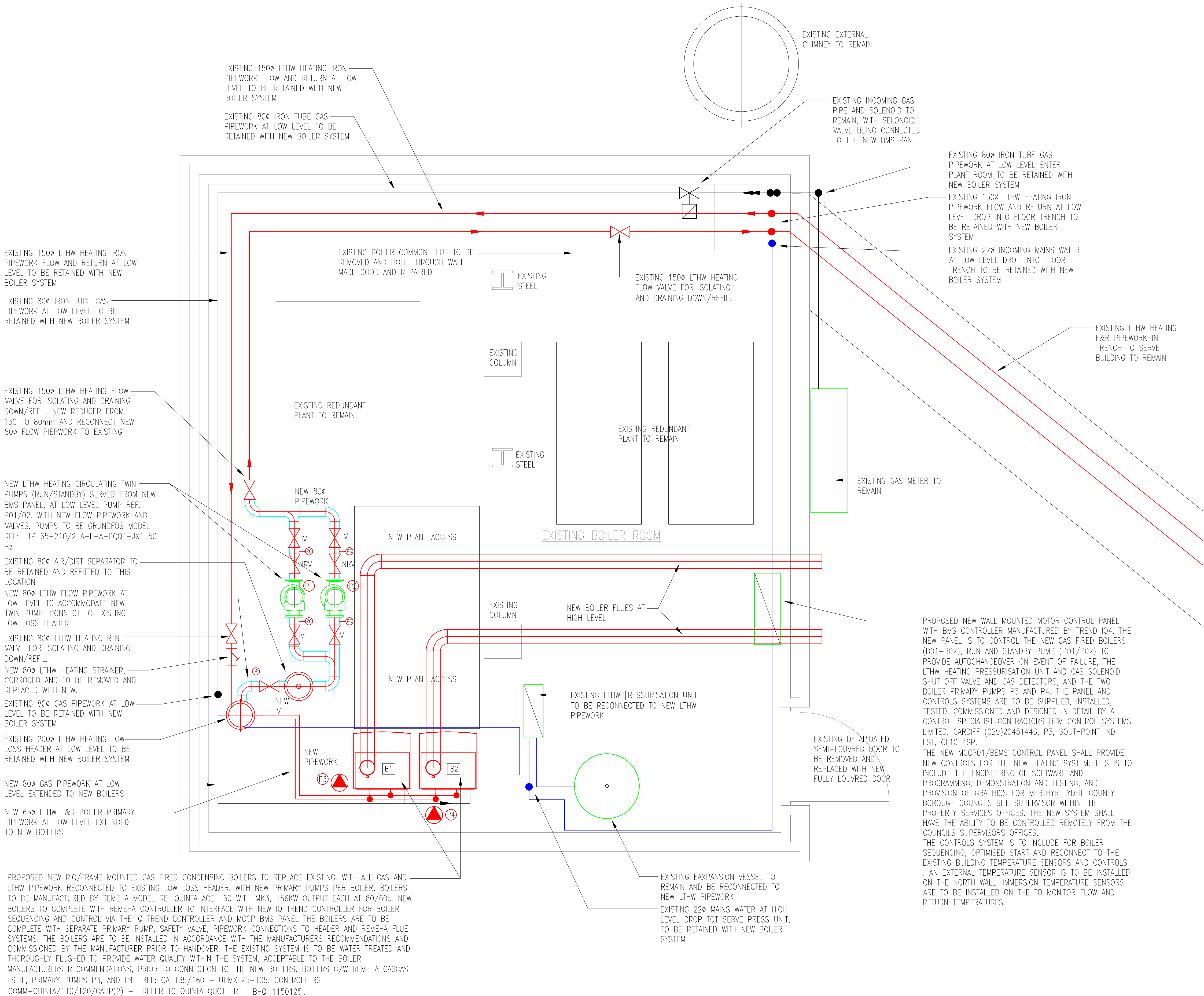


PROPOSED MECHANICAL SERVICES LAYOUT

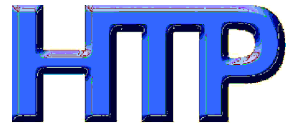


GENERAL NOTES:

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

LEGEND:			
mmØ	MILLIMETER DIAMETER.	PRV	PRESSURE REDUCING VALVE.
F&R	FLOW & RETURN.	IV	ISOLATING VALVE.
DTLL	DROP TO LOW LEVEL.	DCV	DOUBLE CHECK VALVE.
DFA	DROP FROM ABOVE.	LSV	LOCKSHIELD VALVE.
DTB	DROP TO BELOW.	NRV	NON-RETURN VALVE.
RTA	RISE TO ABOVE.	DCV	DOUBLE CHECK VALVE.
RFB	RISE FROM BELOW.	DOCC	DRAIN OFF COCK.
CV	CONTROL VALVE.	SC	STOP COCK.
LTHW	LOW TEMPERATURE HOT WATER.	CS	COMMISSIONING SET.
R00	RADIATOR REFERENCE.	W	WATER METER.
TH	ROOM THERMOSTAT.	P	PUMP.
MCW	MAINS COLD WATER.	SV	SAFETY VALVE.
AAV	AIR ADMITTANCE VALVE.		
TRV	THERMOSTATIC RADIATOR VALVE.		
TMV	THERMOSTATIC MIXING VALVE.		

Rev	BY	Description	Date



First Floor Offices
Moy Road Business Centre
Moy Road
Taffs Well
Cardiff CF15 7DR
029 2066 0269

Hicks Titley Partnership
M&E Consulting Engineers

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

Drawing Title:
PROPOSED MECHANICAL
SERVICES LAYOUT

Stage TENDER

Scale 1:20@A1

Design MRT	Signed M. TITLEY	Date 26/06/2022
Drawn MRT	Signed M. TITLEY	Date 26/06/2022
Approval PMH	Signed P. HICKS	Date 26/06/2022

DRAWING NO.
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