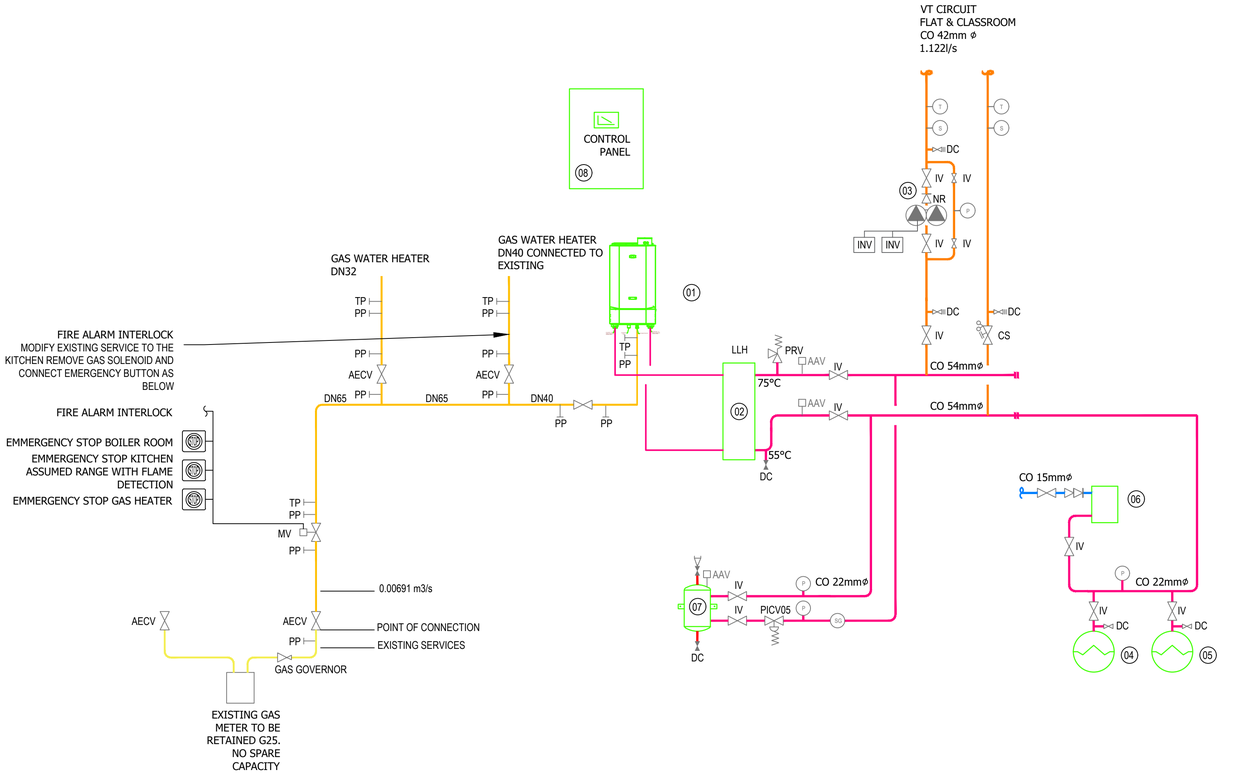
DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

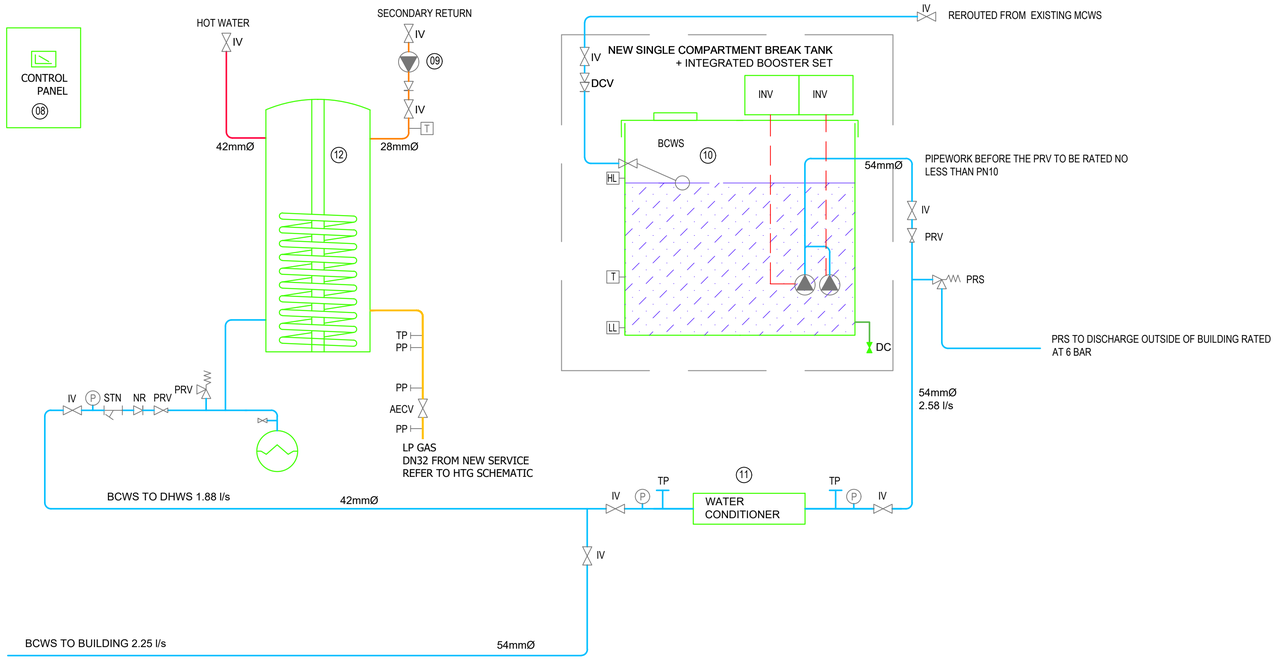
NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ASSOCIATED SPECIFICATIONS AND OTHER DESIGN TEAM MEMBERS INFORMATION.
2. ALL DETAILS REPRESENT THE PROPOSED SOLUTION AND IS SUBJECT TO FURTHER DEVELOPMENT WITH THE WIDER TEAM.
3. ALL DUCTWORK IN CEILING MUST BE INSULATED
4. EXISTING AREA WHERE NO WORK HAS BEEN DESCRIBED MUST BE RETAINED WITH ALL THE SERVICES BEING RECONNECTED

HEATING PLANT SCHEMATIC



DOMESTIC PLANT SCHEMATIC



MATERIAL SCHEDULE

Reference	Main Activity	Related Drawing	Designation	Manufacturer	Model	Manufacturer Ref	NOTE
01	Plant Refurbishment	50-04	Gas Boiler	IDEAL	EVOMAX 2 100 kW		WITH FRAME SYSTEM
02	Plant Refurbishment	50-04	Low-Loss Header	IDEAL			TO MATCH BOILER
03	Plant Refurbishment	50-04	Circulation Pump	Grundfos	Magna 1 D 40-150 F		
04	Plant Refurbishment	50-04	EXPANSION VESSEL	FLAMCO	75 LITRES		RATED FOR 3 BAR
05	Plant Refurbishment	50-04	EXPANSION VESSEL	FLAMCO	75 LITRES		RATED FOR 3 BAR
06	Plant Refurbishment	50-04	Pressurisation Unit	Mikrofill	Mikrofill 3		
07	Plant Refurbishment	50-04	Magnetic Filtre	VEXO	XPOT6		
08	Plant Refurbishment	50-04	BMS panel	NA			
09	Plant Refurbishment	50-04	Secondary Return Pump	Grundfos	Magna 1 25-50 N		
10	Plant Refurbishment	50-04	Booster Set + BREAK TANK	DUTY POINT	SCUBA TANK	WX2-9060-1650	2.58 l/s @ 4.5 BAR
11	Plant Refurbishment	50-04	Water Conditioner	Hydrotec	HY_MAG DN50		2.58 l/s
12	Plant Refurbishment	50-04	Gas Fired Heater	Lochinvar	ECH87-480GCE	ECH87-9060-1250	

TENDER ISSUE

REV	DESCRIPTION	BY	CHK	APP	DATE
T2	TENDER ISSUE	AC	PD	AJS	AUG 21
T1	TENDER ISSUE	AC	PD	AJS	JULY 21
P1	PRELIMINARY ISSUE	AC	PD	AJS	JULY 21

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Drawing Title:

MECHANICAL SERVICES
PLANT SCHEMATIC

Scale @ A1	Drawn	Date	Checked	Date	Approved	Date
NTS	AC	July 21	PD	July 21	AJS	July 21

Project No.	Type	Drawing No.	Revision
21027	ML	50-05	T2