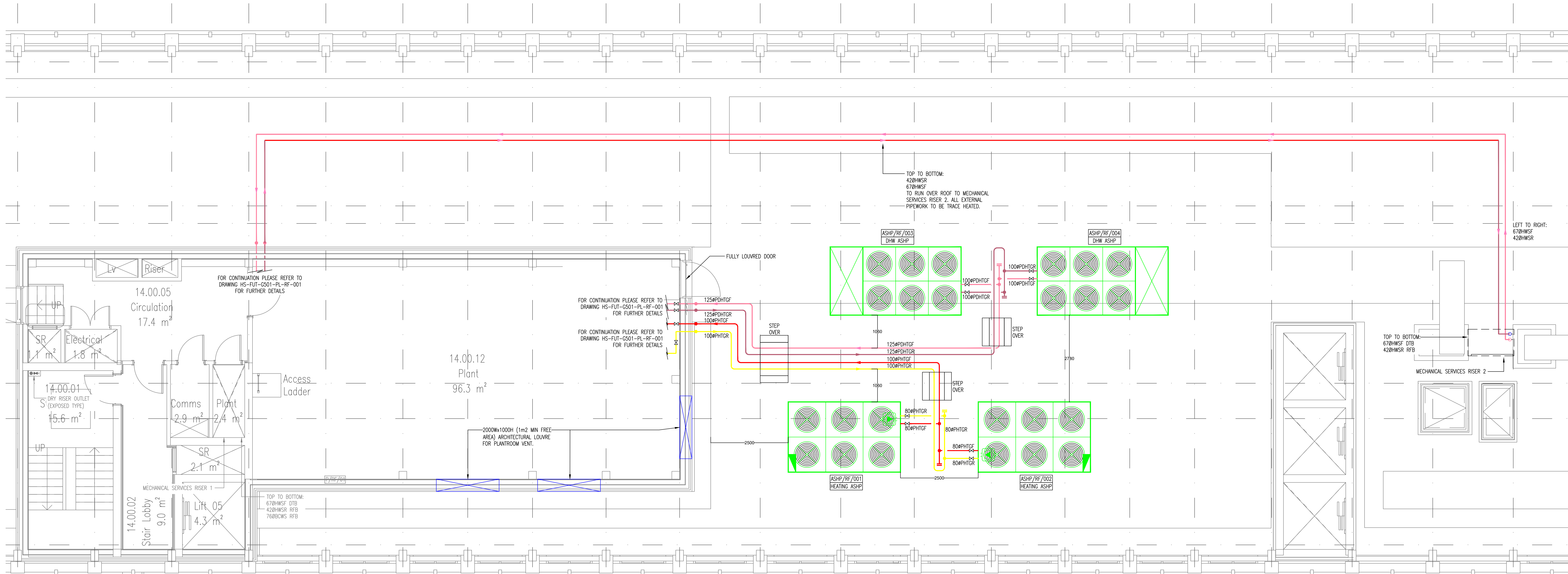




SPECIFIC NOTES
1. ALL PIPEWORK IS TO BE INSTALLED IN MEDIUM GRADE STEEL.
2. ALL PIPEWORK IS TO BE INSULATED AND CONTINUOUS THROUGH PIPEWORK SUPPORTS.
3. ALL PIPEWORK PASSING THROUGH FIRE WALLS OR FLOOR SLABS SHALL BE FIRE STOPPED AND/OR THROUGH FIRE COLLARS WHERE APPROPRIATE.
4. LATERAL BRANCHES SHALL BE CONNECTED TO THE MAIN RISER AT LOW LEVEL ON THE FLOOR ABOVE TO ALLOW NATURAL VENT OF AIR IN THE SYSTEM.
5. CONTRACTOR WILL BE RESPONSIBLE FOR DESIGN AND INSTALLATION OF SUITABLE EXHAUSTOR EXPANSION EQUIPMENT, INCLUDING BELLOW, ANCHOR POINTS ETC.
6. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE RELEVANT LAYOUT DRAWINGS. FOR CONTINUATION WITH EACH APPARTMENT, SEE THE RELEVANT LAYOUT DRAWINGS AND APARTMENT UNIT MANUFACTURER DETAILS DRAWING, WHICH SHOWS PIPE SIZES INTO APARTMENTS.

1. ALL WASH HAND BASINS AND SHOWERS TO BE PROVIDED WITH TWO MIXING VALVES TO LIMIT WATER TEMPERATURE AT OUTLET TO 43°C.
2. ALL WATER SUPPLY PIPES TO BE INSULATED TO PREVENT CONDENSATION.
3. ALL DOMESTIC COLD WATER PIPEWORK IS TO BE INSULATED WITH VAPOUR BARRIER TO BE CONTINUOUS THROUGH PIPEWORK SUPPORTS.
4. ALL DOWN-HEAD LEADS TO BE INSULATED TO PREVENT CONDENSATION.
5. MAXIMUM DEAD LEADS TO SERVICE APPLIANCES SHOULD BE IN ACCORDANCE WITH THE REQUIREMENTS OF BS5586 AND ACCORD I.S.
6. ALL RISERS SHOULD BE PROVIDED WITH ACCESS PANELS EITHER ABOVE THE CEILING, IN ROOMS, OR BEHIND ACCESSIBLE PANELS.
7. ALL FITTINGS FORMING PART OF THE SYSTEM SHOULD BE WRAS APPROVED.
8. ALL PIPEWORK PASSING THROUGH FIRE WALLS OR FLOOR SLABS SHALL BE FIRE STOPPED AND/OR THROUGH FIRE COLLARS WHERE APPROPRIATE.
9. AUTOMATIC AIR VENTS SHALL BE INSTALLED AT APPROPRIATE HIGH POINTS OF PIPEWORK RUNS ON EACH FLOOR, AS WELL AS AT THE TOP OF RISERS.
10. ALL ISOLATING VALVES ON INCOMING MAINS AND SPRINKLER SYSTEM SHALL BE TO BE LOCKABLE AND WILL NORMALLY BE LOCATED IN OPEN POSITION.
11. CONTINUATION OF PIPEWORK WITH APARTMENTS, INCLUDING PIPE SIZES AND SLOPE INTO RADIATORS, SHALL BE IN ACCORDANCE WITH THE RELEVANT PARTY APPOINTMENT LAYOUTS & MECHANICAL APPOINTMENT DETAILS DRAWING.
12. THE TOTAL NUMBER OF APARTMENTS / FLOORS IN EACH BUILDING SHALL BE CONFIRMED WITH THE ARCHITECT.
13. SUB-METERS TO BE INSTALLED TO EACH COLD WATER OUTLET, HOT & COLD WATER MAINS, LAUNDRY AND SHOWER MAINS SUPPLIES, ALL COLD WATER SUB-METERS SHALL BE LABELED.

CS	COMMISSIONING STATION
DRV	DOUBLE REGULATING VALVE
W	ISOLATION VALVE
LSV	LOCKHELD VALVE
RAD	RADIATOR
TRV	THERMOSTATIC MIXING VALVE (LOCALABLE)
PRV	PRESSURE REDUCING VALVE
STR	STRAINER
PR	PRESSURE RELIEF/SAFETY VALVE
P	PRESSURE GAUGE
PUMP	PUMP
WM	WATER METER
FS	FLOW SWITCH
T	BMS TEMPERATURE SENSOR
HL	BMS HIGH LEVEL SENSOR
LL	BMS LOW LEVEL SENSOR
MCW	MAINS COLD WATER
BCWS	BOOSTED COLD WATER
HWHSF	DOMESTIC HOT WATER FLOW
HWSR	LANDLORDS BOOSTED COLD WATER
SPR D/C	SPRINKLER (DOMESTIC/COMMERCIAL)
HTGF	LOW TEMPERATURE HOT WATER FLOW
HTGR	LOW TEMPERATURE HOT WATER RETURN

TIM GROOM ARCHITECTS



STAGE 4

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Project Title

FIRST STREET
HOUSE OF SOCIAL

Drawing Title

MECHANICAL SERVICES
ROOF LEVEL
PLANT AREA LAYOUT
DOMESTIC & HEATING ASHPs

Project No	P7504
Drawn & Checked by	KVV
Reviewed by	GW
Date	JULY 2023
Scale	1:50 @ A0
Drawing No.	Rev.
HS-FUT-G590-PL-RF-001	P1