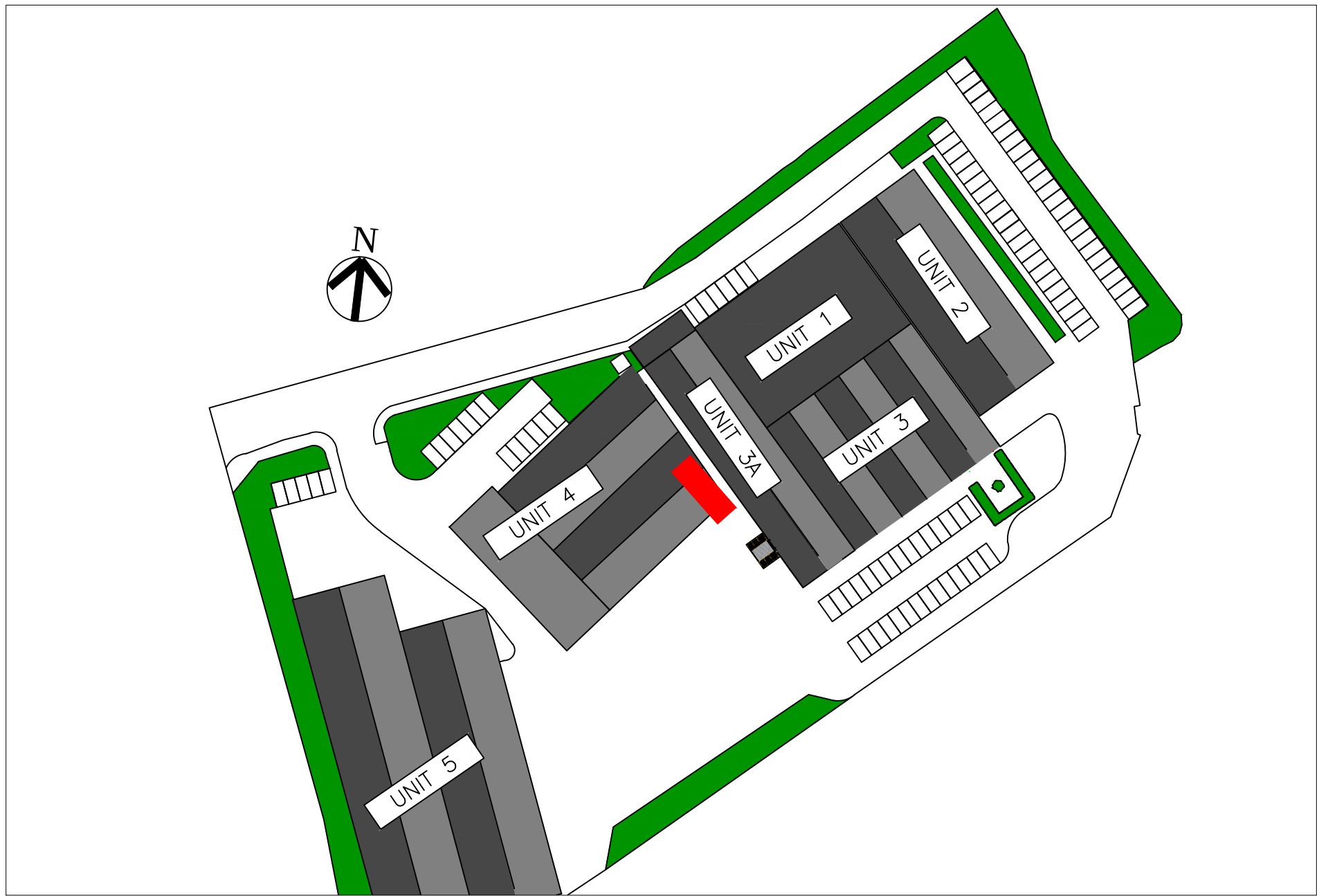


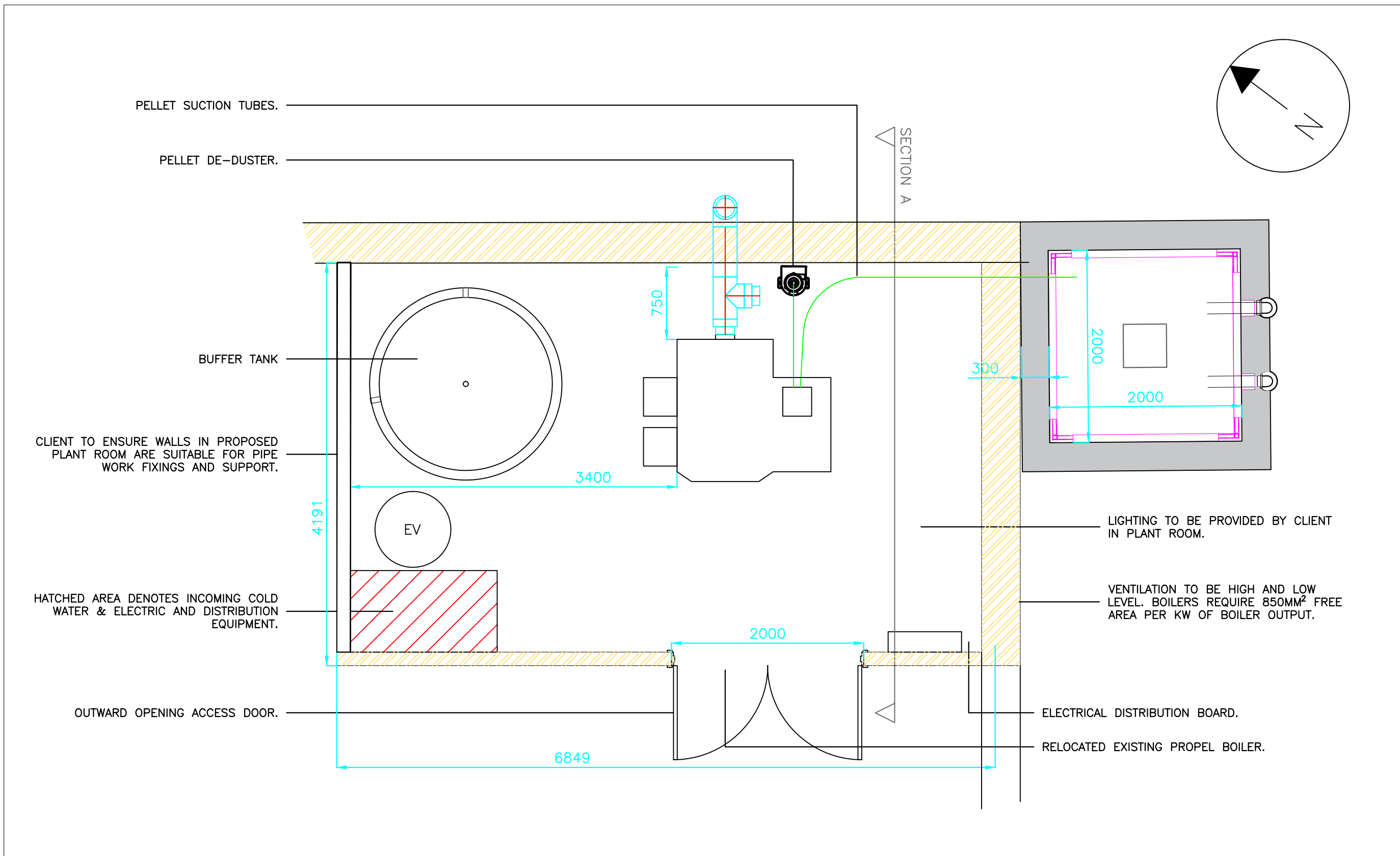


LOCATION PLAN

ALL NOTES ARE FOR COMMENT ONLY AND OUTLINE THE WORKS REQUIRED. CLIENT IS RESPONSIBLE FOR ENSURING ALL WORK / MODIFICATION TO THE EXISTING BUILDING IS UNDERTAKEN IN A SAFE MANNER AND WILL NOT IMPACT BUILDING STRUCTURAL INTEGRITY. CLIENT MAY NEED TO EMPLOY SERVICES OF A STRUCTURAL ENGINEER WHERE OUTLINED BUT WILL NOT BE LIMITED TO.

ALL HATCHING SHOWN IS FOR INDICATIVE PURPOSES ONLY.

ALL DIMENSIONS SHOWN ARE TAKEN FROM SITE CLIENT TO ADVISE OF ANY DEVIATIONS AS THIS COULD AFFECT THE EQUIPMENT PLACEMENT.



PLAN

NOTES
NOTE 1. MAINS COLD WATER FEED MUST BE BETWEEN 1.5 - 3BAR. HAVE LOCAL ISOLATION AT THE POINT ENTRY INTO THE BOILER ROOM. BE FITTED WITH A PRESSURE REDUCING VALVE BEFORE CONNECTING TO THE FILLING SYSTEM.
NOTE 2. THE OVER TEMPERATURE AND OVER PRESSURE DISCHARGE PIPE WORK MUST COMPLY WITH THE UK WATER REGULATIONS. THIS IS THE INSTALLERS RESPONSIBILITY.
NOTE 3. FILLING CONNECTION:
THIS FILLING CONNECTION SHOWN IS FOR FIRST FILL ONLY. THE HEATING SYSTEM SHOULD NOT BE CONNECTED TO THE COLD MAINS.
NOTE 4. DRAIN OFF VALVES:
THIS REPRESENTS ONE DRAIN OFF POINT, AND MORE SHOULD BE FITTED BY THE INSTALLER IF NECESSARY.
NOTE 5. AUTOMATIC-AR-VENTS (AAV):
THIS REPRESENTS ONE AAV, AND MORE SHOULD BE FITTED AT EACH ELEVATED POINT OF THE SYSTEM BY THE INSTALLER IF NECESSARY.
NOTE 6. FLOW METER REQUIREMENTS: ALL FLOW METERS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
NOTE 7. RMT TEMPERATURE SENSORS: THESE TEMPERATURE SENSORS SHOULD BE FITTED SO THEY CAN NOT BE REMOVED OR TAMPERED WITH AT ANY POINT.
NOTE 8. TERMINATION OF UNDERGROUND PIPE AT 100MM FROM GROUND LEVEL.
NOTE 9. SURGE PROTECTION TO BE INSTALLED BETWEEN BMS AND BIOMASS BOILER.
NOTE 10. ALL DIMENSION AND SIZES ARE DETAILED IN MILLIMETERS UNLESS OTHERWISE STATED.
NOTE 11. PIPE WORK PASSING THROUGH DESIGNATED FIRE COMPARTMENTS SHALL BE PROVIDED WITH APPROPRIATE FIRE PROTECTION AND ADEQUATE ACCESS.
NOTE 12. HEATING PIPE WORK SHALL BE INSULATED WHEN DISTRIBUTING IN ROOF SPACE, SERVICE VOIDS, BOXINGS AND BACK OF KITCHEN CABINETS.
NOTE 13. ALL EXPOSED HEATING PIPE WORK SHALL BE INSULATED.
NOTE 14. MECHANICAL CONTRACTOR TO ENSURE PROPER ACCESS TO COMMISSIONING VALVES AND ISOLATING VALVES TO ALLOW FOR TESTING, YEARLY INSPECTION AND MAINTENANCE.
NOTE 15. THE DRAWING SHOWS A GENERAL REPRESENTATION OF THE EQUIPMENT AND PIPE WORK. ALL LOCATIONS AND DIMENSION TO BE CONFIRMED ON SITE.
NOTE 16. ALL ON-SITE HEALTH AND SAFETY REGULATION ARE TO BE OBSERVED AT ALL TIMES.
NOTE 17. ALL REDUNDANT MATERIALS ARE TO BE REMOVED FROM SITE AND CORRECTLY DISPOSED.
NOTE 18. ALL LOW POINTS SHALL BE PROVIDED WITH DRAINAGE COCKS AND ALL HIGH POINTS WITH AIR VALVES.
NOTE 19. REGULATING VALVES SHALL BE INSTALLED TO ENSURE NO COMPONENTS ARE WITHIN TEN PIPE DIAMETERS UPSTREAM AND FIVE DIAMETERS DOWN STREAM OF ANY MEASURING DEVICE.
NOTE 20. MECHANICAL CONTRACTOR TO ALLOW ADEQUATE PROVISION FOR HEATING SERVICE PIPE WORK EXPANSION.
NOTE 21. THE CONTRACTOR SHALL ENSURE THEY ARE WORKING TO THE CURRENT ARCHITECTS DRAWING BEFORE COMMENCING WORKS ON SITE. ANY SERVICE INSTALLED TO THE WRONG ARCHITECTS DRAWING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RECTIFY.
NOTE 22. ALL HEATING WATER SERVICES SHALL BE FLUSHED AND CHEMICALLY TREATED AND SET TO WORK AS PER THE REQUIREMENTS OF BSRIA BG 2/2010.

LEGEND		LOOK SHUT VALVE
PROBE TEMPERATURE SENSOR		DOUBLE CHECK VALVE
HIGH / LOW PRESSURE SWITCH		THERMAL SAFETY VALVE
AUTOMATIC AIR VENT		PRESSURE REDUCING VALVE
ANTI VACUUM VALVE		DRAIN COCK
TEMPERATURE AND PRESSURE GAUGE		FLARELESS COUPLING (FC)
PRESSURE GAUGE		DIFFERENTIAL PRESSURE CONTROL VALVE
FIXED ORifice DOUBLE REGULATION VALVE		STRAINER ISOLATION VALVE
ISOLATION VALVE		DOUBLE REGULATION VALVE
NON RETURN FLANGE		BMS TEMPERATURE SENSOR
PUMP		REDUCER
PRESSURE RELIEF VALVE		

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MK	REVISIONS	DRN	CHK	APP	DATE