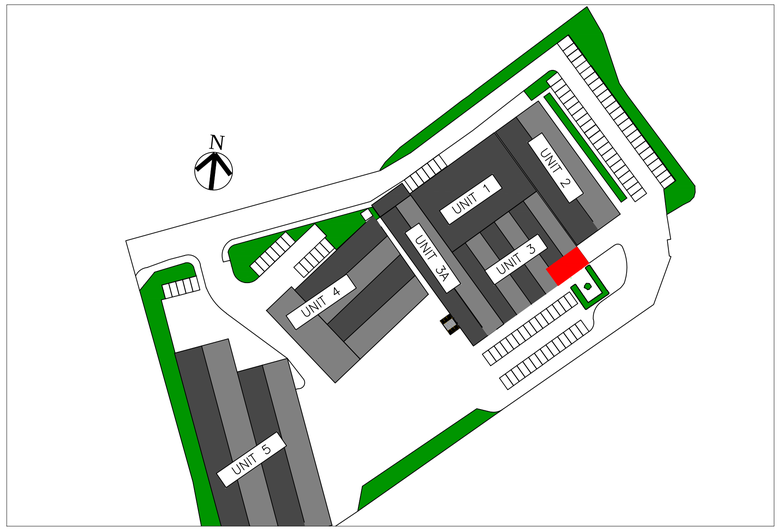
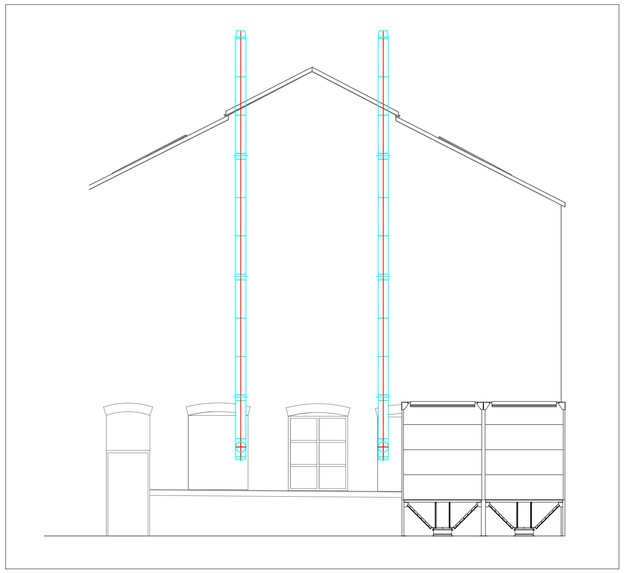
ALL NOTES ARE FOR COMMENT ONLY AND OUTLINE THE WORKS REQUIRED.
CLIENT IS RESPONSIBLE FOR ENSURING ALL WORK / MODIFICATION TO THE EXISTING BUILDING IS UNDERTAKEN IN A SAFE MANNER AND WILL NOT IMPACT BUILDING STRUCTURAL INTEGRITY.
CLIENT MAY NEED TO EMPLOY SERVICES OF A STRUCTURAL ENGINEER WHERE OUTLINED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

ALL HATCHING SHOWN IS FOR INDICATIVE PURPOSES ONLY.

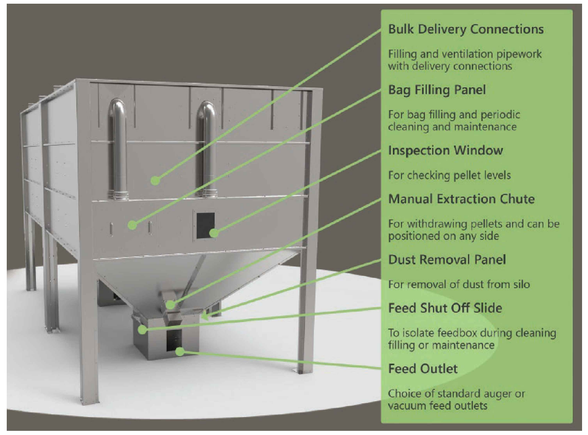
ALL DIMENSIONS SHOWN ARE TAKEN FROM SITE CLIENT TO ADVISE OF ANY DEVIATIONS AS THIS COULD AFFECT THE EQUIPMENT PLACEMENT.

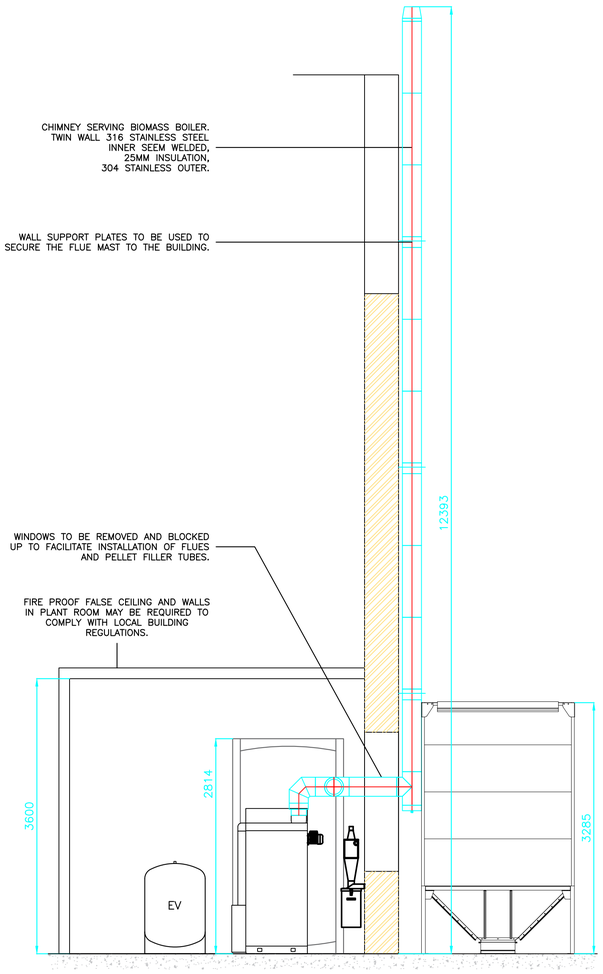


LOCATION PLAN

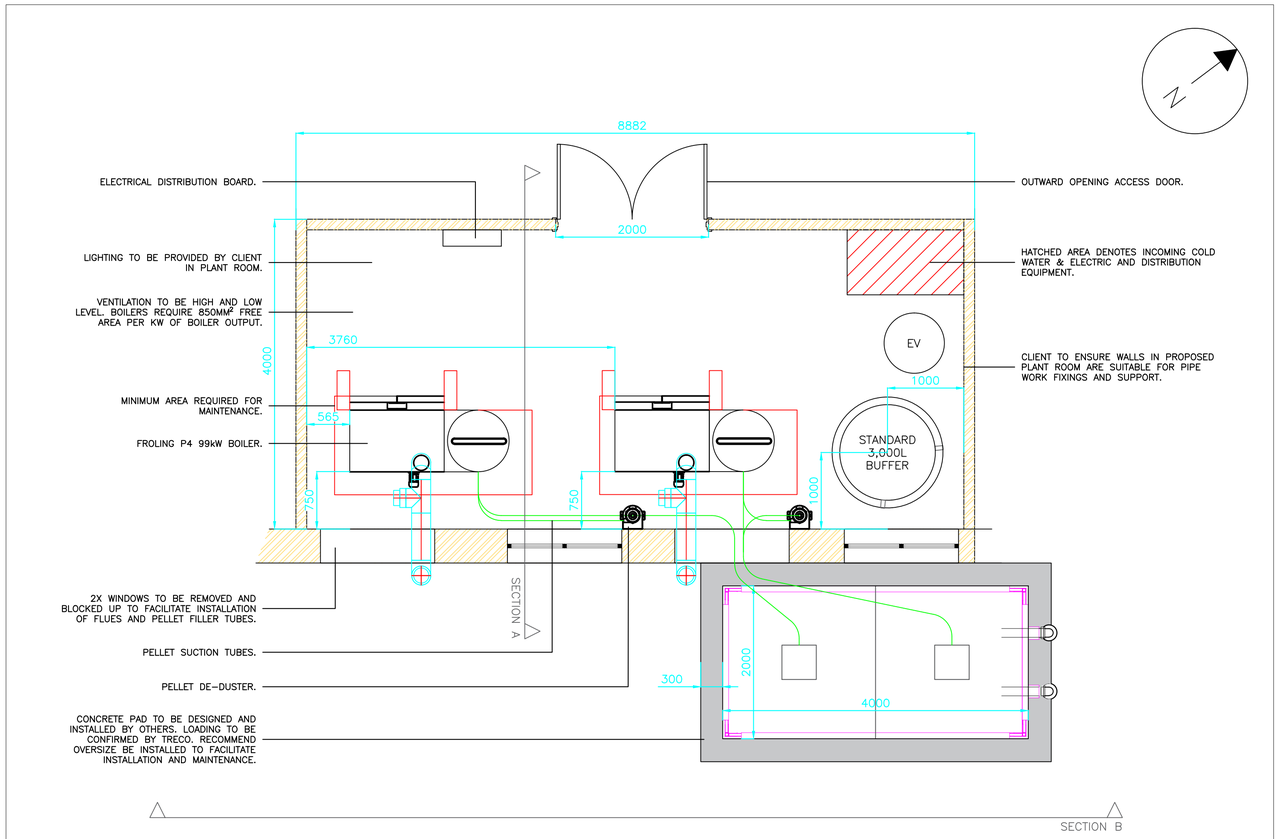


SECTION B





SECTION A



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-AIR-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. RHI 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, BOXING'S 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 ONSITE 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

PROBE TEMPERATURE SENSOR	LOCK SHIELD VALVE
HIGH / LOW PRESSURE SWITCH	DOUBLE CHECK VALVE
AUTOMATIC AIR VENT	THERMAL SAFETY VALVE
ANTI VACUUM VALVE	PRESSURE REDUCING VALVE
TEMPERATURE AND PRESSURE GAUGE	DRAIN COCK
PRESSURE GAUGE	FLEXIBLE COUPLING (FC)
FIXED ORIFICE DOUBLE REGULATION VALVE	DIFFERENTIAL PRESSURE CONTROL VALVE
ISOLATION VALVE	STRAINER ISOLATION VALVE
PUMP	DOUBLE REGULATION VALVE
NON RETURN VLAVE	BMS TEMPERATURE SENSOR
PRESSURE RELIEF VALVE	REDUCER

MK	REVISIONS	DRN	CHK	APP	DATE
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A	FIRST ISSUE	IJM	–	RJC	25/07/22

FAITH IN NATURE
MILLER STREET
RADCLIFFE
MANCHESTER
M26 4AF

UNITS 2&3
PLANT ROOM LAYOUT

PROVISIONAL

ORIGINAL DRAWING SIZE A1	SCALE: NTS
DRAWING NUMBER	REV
FIN – 106.1	A

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