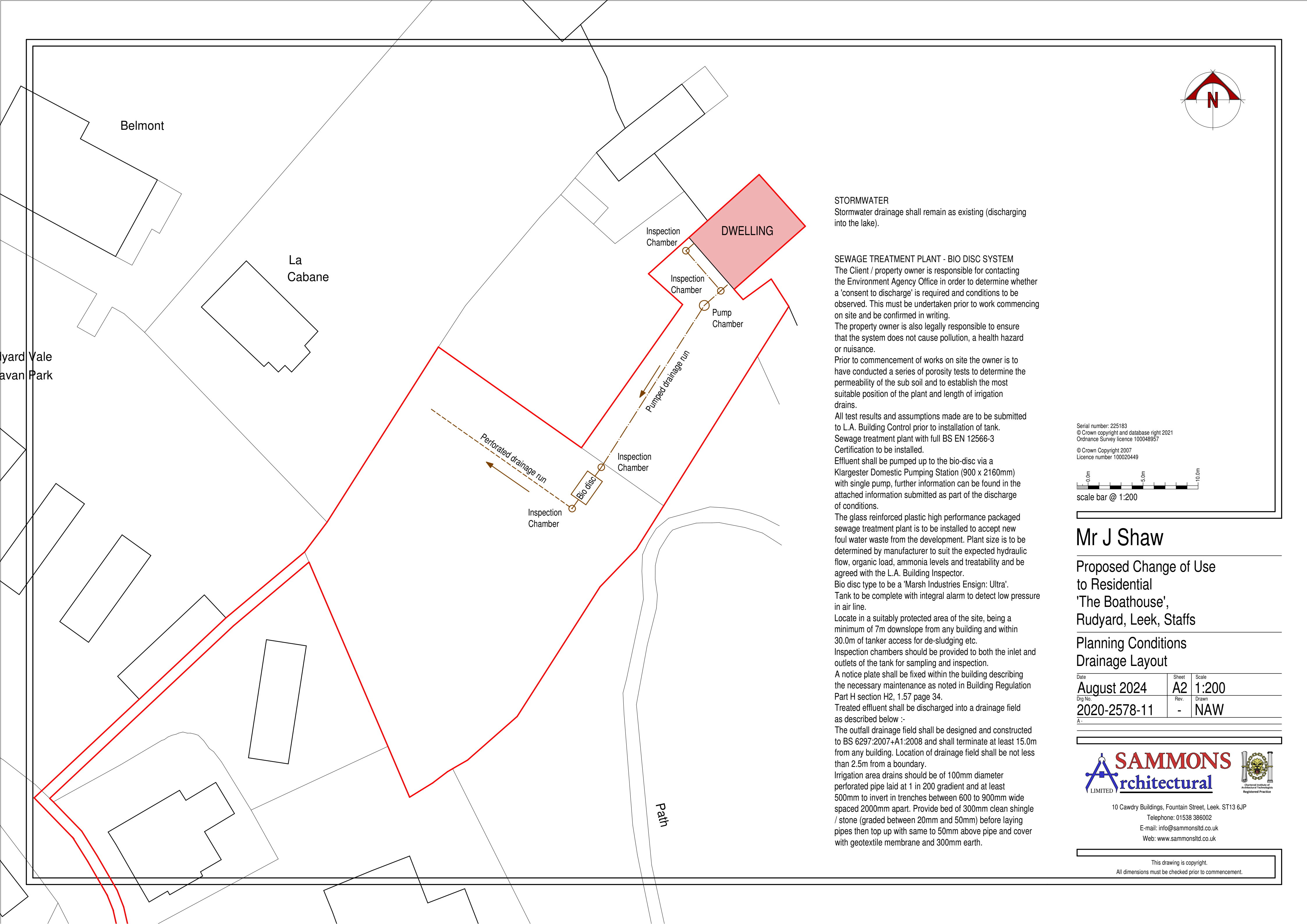




STORMWATER
Stormwater drainage shall remain as existing (discharging into the lake).

SEWAGE TREATMENT PLANT - BIO DISC SYSTEM
The Client / property owner is responsible for contacting the Environment Agency Office in order to determine whether a 'consent to discharge' is required and conditions to be observed. This must be undertaken prior to work commencing on site and be confirmed in writing.
The property owner is also legally responsible to ensure that the system does not cause pollution, a health hazard or nuisance.
Prior to commencement of works on site the owner is to have conducted a series of porosity tests to determine the permeability of the sub soil and to establish the most suitable position of the plant and length of irrigation drains.

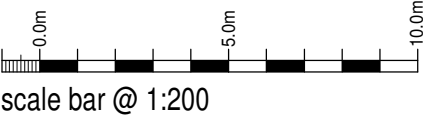
All test results and assumptions made are to be submitted to L.A. Building Control prior to installation of tank.
Sewage treatment plant with full BS EN 12566-3 Certification to be installed.
Effluent shall be pumped up to the bio-disc via a Klargester Domestic Pumping Station (900 x 2160mm) with single pump, further information can be found in the attached information submitted as part of the discharge of conditions.

The glass reinforced plastic high performance packaged sewage treatment plant is to be installed to accept new foul water waste from the development. Plant size is to be determined by manufacturer to suit the expected hydraulic flow, organic load, ammonia levels and treatability and be agreed with the L.A. Building Inspector.
Bio disc type to be a 'Marsh Industries Ensign: Ultra'.
Tank to be complete with integral alarm to detect low pressure in air line.

Locate in a suitably protected area of the site, being a minimum of 7m downslope from any building and within 30.0m of tanker access for de-sludging etc.
Inspection chambers should be provided to both the inlet and outlets of the tank for sampling and inspection.
A notice plate shall be fixed within the building describing the necessary maintenance as noted in Building Regulation Part H section H2, 1.57 page 34.
Treated effluent shall be discharged into a drainage field as described below :-

The outfall drainage field shall be designed and constructed to BS 6297:2007+A1:2008 and shall terminate at least 15.0m from any building. Location of drainage field shall be not less than 2.5m from a boundary.
Irrigation area drains should be of 100mm diameter perforated pipe laid at 1 in 200 gradient and at least 500mm to invert in trenches between 600 to 900mm wide spaced 2000mm apart. Provide bed of 300mm clean shingle / stone (graded between 20mm and 50mm) before laying pipes then top up with same to 50mm above pipe and cover with geotextile membrane and 300mm earth.

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Mr J Shaw

Proposed Change of Use
to Residential
'The Boathouse',
Rudyard, Leek, Staffs

Planning Conditions
Drainage Layout

Date	Sheet	Scale
August 2024	A2	1:200
Drp No.	Rev.	Drawn
2020-2578-11	-	NAW



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