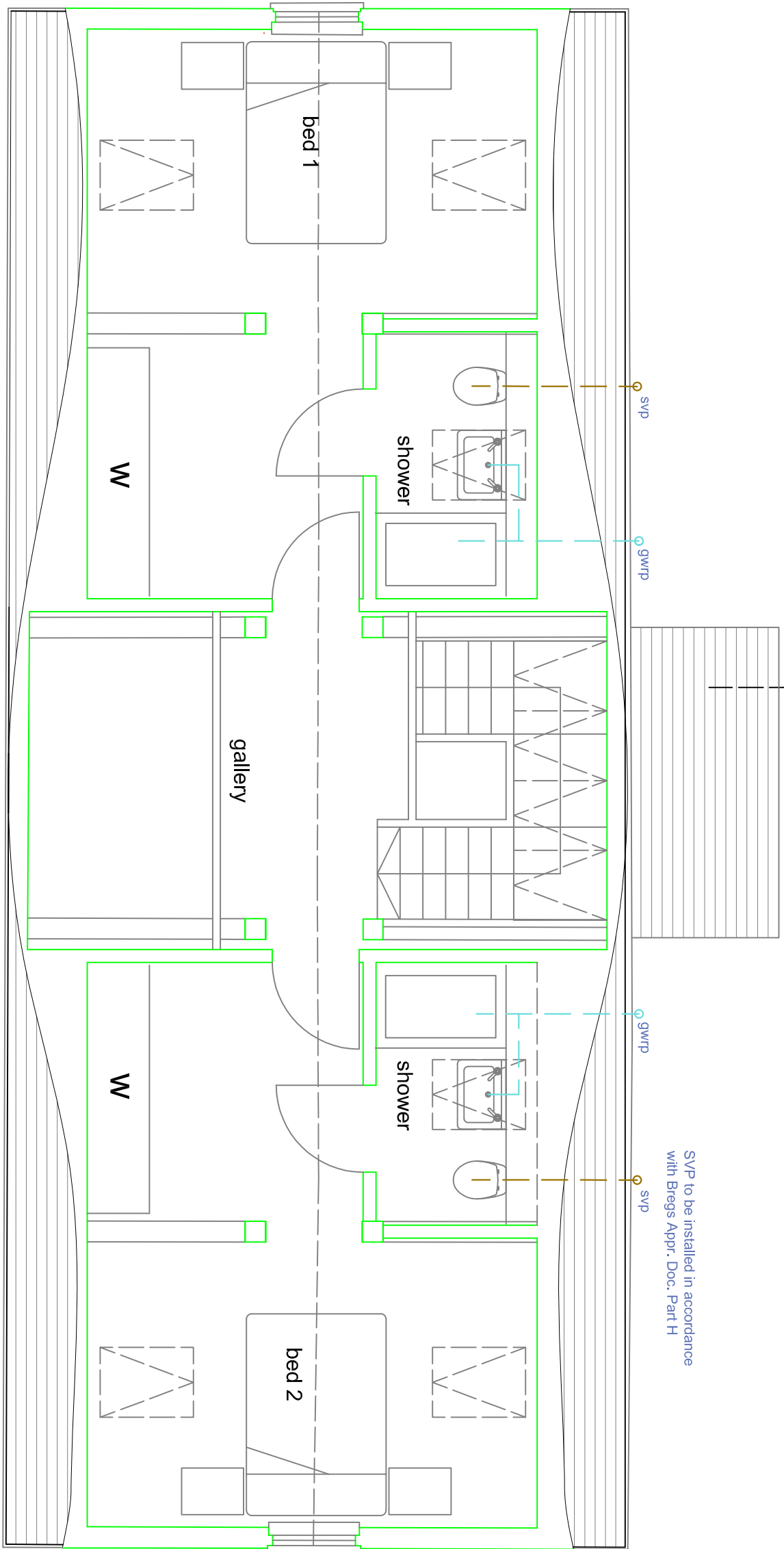
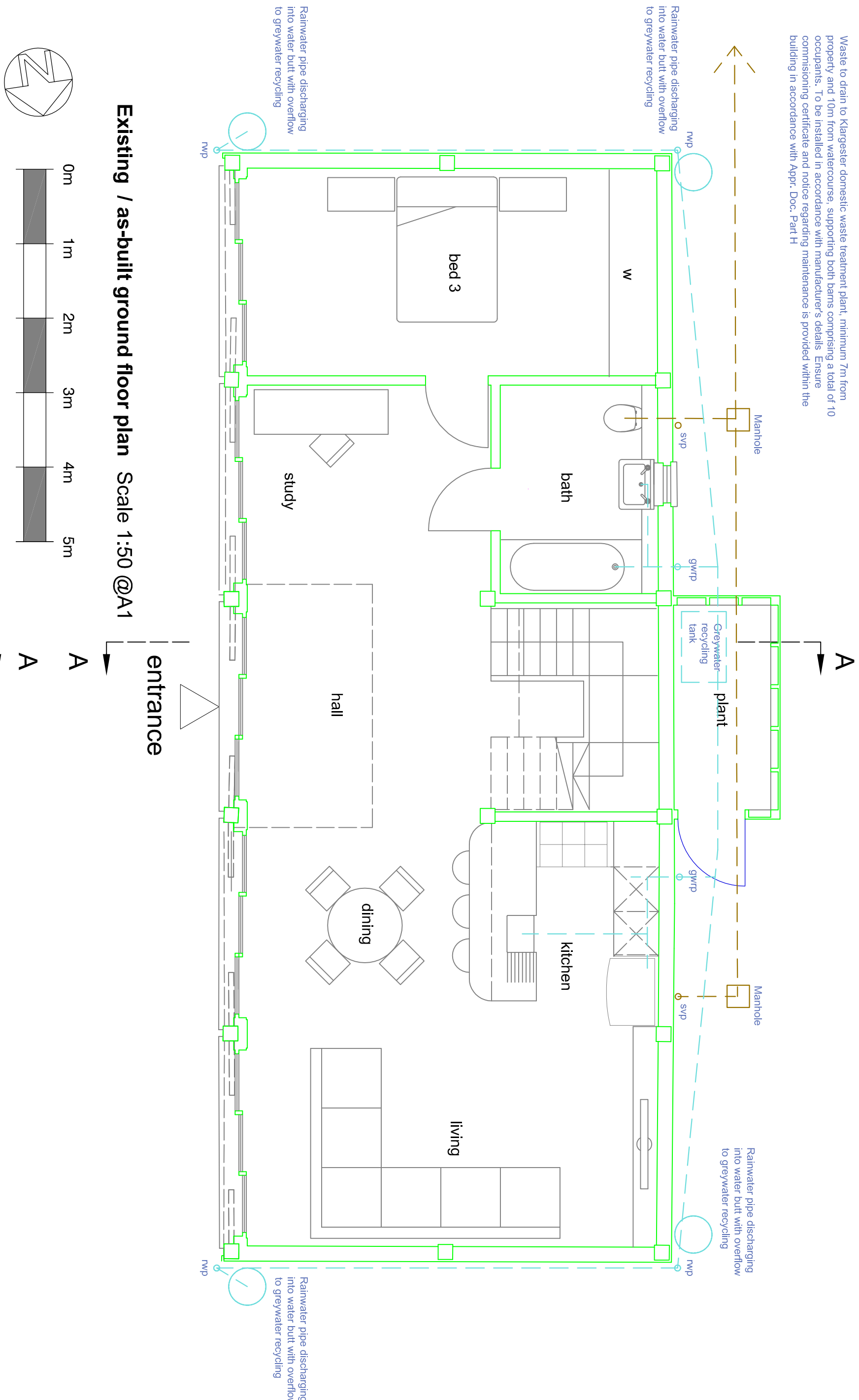


Waste to drain to Kingspaster domestic waste treatment plant, minimum 7m from property and 10m from watercourse, supporting both barns comprising a total of 10 occupants. To be installed in accordance with manufacturer's details. Ensure commissioning certificate and notice regarding maintenance is provided within the building in accordance with Appr. Doc. Part H



Existing / as-built first floor plan Scale 1:50 @A1

A

2.75 hectares overall site area
1288m² non permeable surface including existing structures and concrete areas (no change from existing and in other part of site unrelated to barn conversion)
2.62 hectares of permeable surfacing (no change from existing) including grass, planting, gravel and permeable paving areas

Rainfall intensity of 0.014 Litres/second to be assumed under normal situations. With an additional 40% (0.0056 Litres/second) for example in a 1 in 100 year event (0.0196Litres/second). Assuming 24 hours continuous rainfall (1,693 Litres)

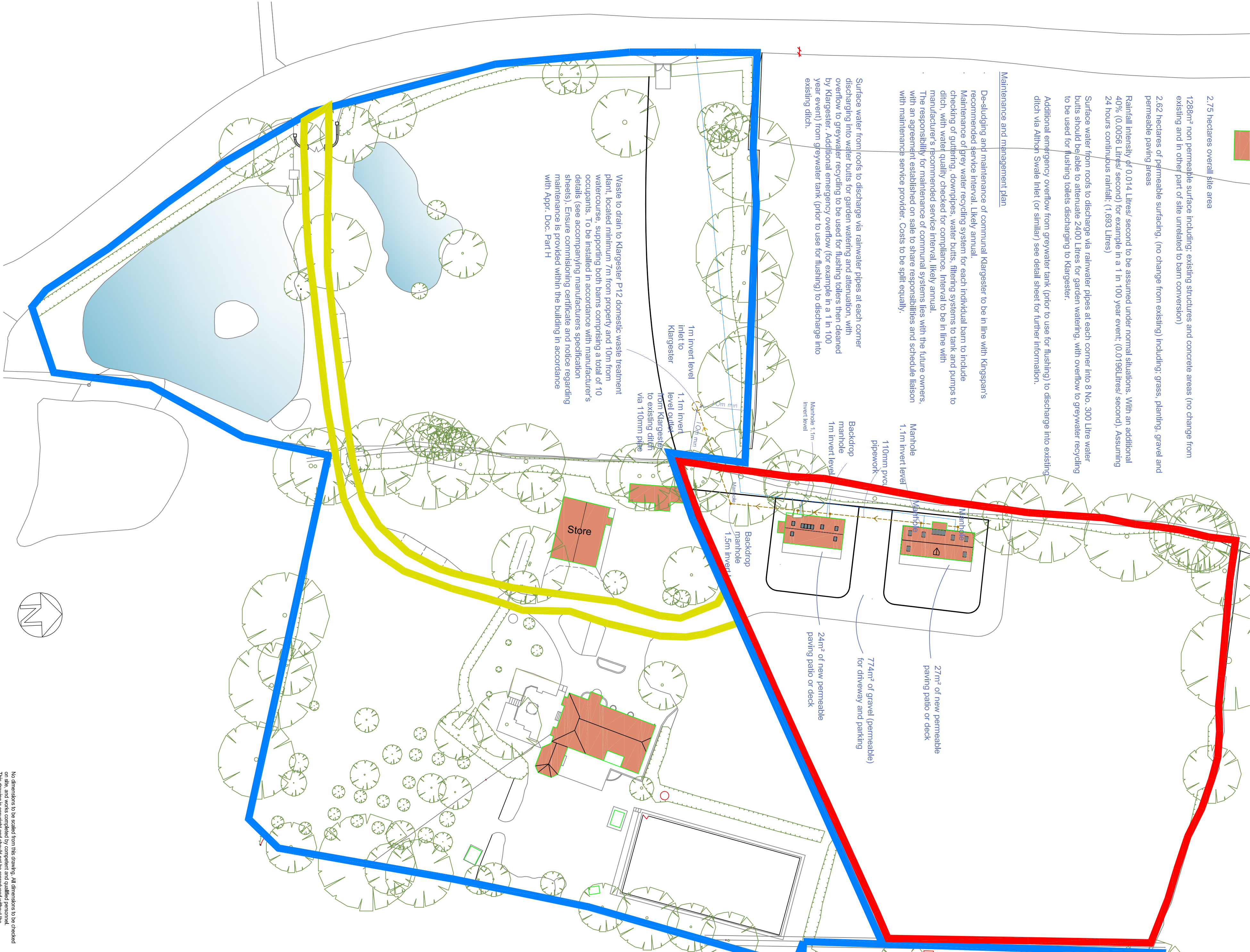
Surface water from roofs to discharge via rainwater pipes at each corner into 8 No. 300 Litre water butts should be able to attenuate 2400 Litres for garden watering, with overflow to greywater recycling to be used for flushing toilets discharging to Kingspaster.

Additional emergency overflow from greywater tank (prior to use for flushing) to discharge into existing ditch via Aillich Swale Inlet (or similar) see detail sheet for further information.

Maintenance and management plan

De-sludging and maintenance of communal Kingspaster to be in line with Kingspaster's recommended service interval. Likely annual.
Maintenance of grey water recycling system for each individual barn to include checking of gutters, downpipes, water butts, filtering systems to tank and pumps to ditch, with water quality checked for compliance. Interval to be in line with manufacturer's recommended service interval, likely annual.
The responsibility for maintenance of communal systems lies with the future owners, with an agreement established on sale to share responsibilities and schedule liaison with maintenance service provider. Costs to be split equally.

Surface water from roofs to discharge via rainwater pipes at each corner discharging into water butts for garden watering and attenuation, with overflow to greywater recycling to be used for flushing toilets discharging to Kingspaster. Additional emergency overflow (for example in a 1 in 100 year event) from greywater tank (prior to use for flushing) to discharge into existing ditch.



Existing site/ block plan Scale 1:500 @A1

0m 10m 20m 30m 40m 50m

B 180725 Boundary lines amended, sliding doors and plant room shown
A 130425 Drainage and notes added

Client: Mr & Mrs Paver

Drawing: Existing / as built plans

Scale: 1:50, 500 & 1250@A1

Date: Nov 2024

FRFC_WingId_04_BR_EX_01_B

No dimensions to be scaled from this drawing. All dimensions to be checked on site and verified by competent and qualified personnel. The client is responsible for ensuring that the drawing is used in accordance with the terms and conditions of the contract.

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