

project

alders farm, hurstpierpoint

foul + surface water drainage

designed as a low energy building a similar approach has been followed for internal water consumption and, based on the current specification, the building will use less than 105 litres per person per day.

the proposed dwelling is over 30m from the nearest main sewer as such it will not be possible to provide a mains connection to the house, therefore a new package treatment plant will be installed if the existing cannot be upgraded to meet current requirements.

the total roof area of the proposed building [205sqm] is significantly smaller than the existing barn which will be demolished as part of the works, so impact on surface water run off will be negligible as the impermeable surface area will be reduced.

despite the reduction in impermeable surface area, rainwater from the dwelling will be stored in rainwater butts so it can be used in the maintenance of landscaped / planted areas.

furthermore, all new hardstanding areas will be low impact, free draining, cell web structures so that the impact on the surroundings is minimised.
