

LIDSEY FOUL WATER CATCHMENT AREA STATEMENT FOR NEW DWELLING ADJ. 7, CENTRAL DRIVE, ELMER.

Introduction:-

The proposal falls within the Lidsey Foul Water Catchment Area.

Proposal:-

It is proposed to connect to the foul water sewer by means of an existing inspection chamber to the front of 7, Central Drive.

It is calculated that the three bedroom property will house a maximum of 4 occupants creating a maximum of 500 litres of waste water per day in line with current regulations.

Surface Water:-

Rainwater from the proposal is to be dealt with through designed soakaways with subsequent percolation into the ground which is the preferred option of the Local Authority Building Control.

The proposal's roof rainwater run-off is to be dealt with by GEO fabric lined cellular crates soakaways with 1 cubic metre per 20 sq. metres of roof area below invert of pipe with a maximum surface area to aid dispersion.

The roof area is calculated as 124 sq. metres requiring a total soakaway capacity of 7 cubic metres below invert of pipe.

With a depth of crate of 400mm a total of 17.5 sq. metres of percolation area is required with the proposed installation of 2 No 3.00 x 3.00 metre soakaways as the solution.

Soakaways will be positioned to service both sides of the proposal with a minimum 5.00 metre distance from the building.