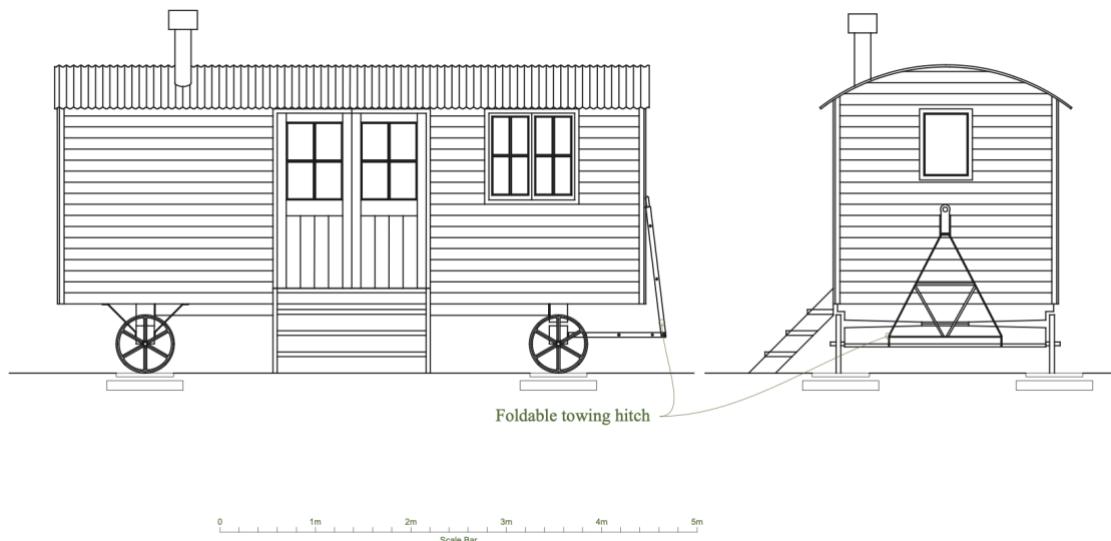


Flood Risk Assessment Land North of Langmersh Chichester

Post Code PO20 1LW

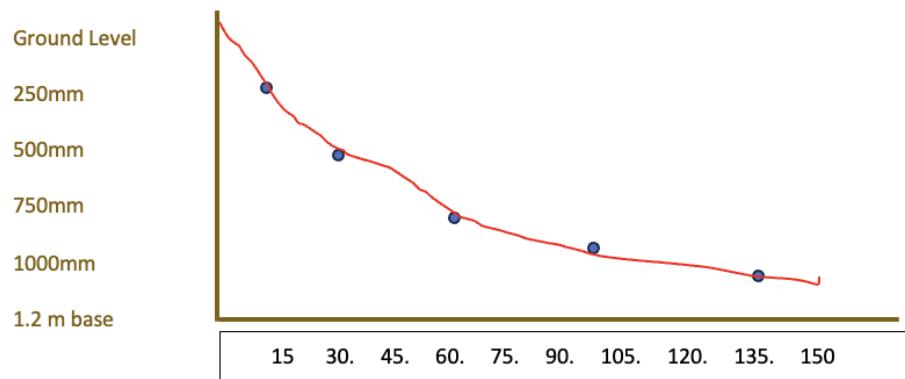
Planning Application P/6/25/PL



The area is in a flood zone 1, located over loamy soils with no groundwater detected at 1.2m. Two digest 365 tests were undertaken on Monday 16th June, two excavation holes each 1m x 1m x 1.2m deep using IBC water containers – see page 2 of these observations.

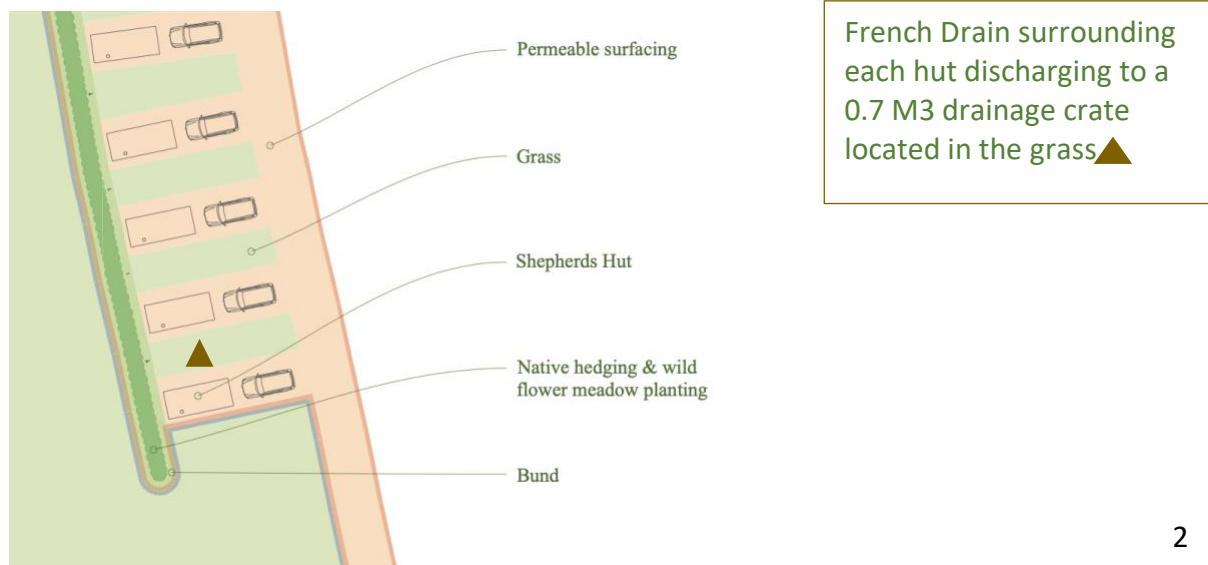
1

Surface area for each shepherd's hut footprint is 6.2 m x 2.4m = 14.88 M2

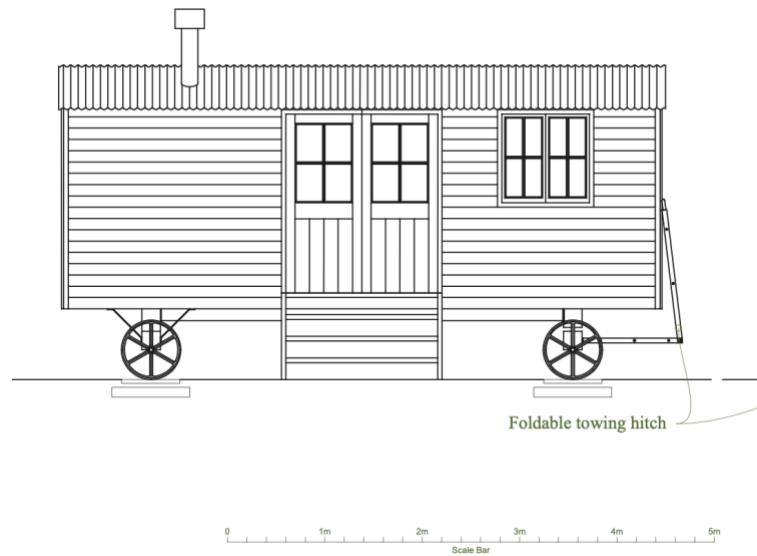


14.88 M2 (roof area) x 0.03 (storm event) x 40% uplift for climate change = surface water

$14.88 \times 0.03 = 0.45 \times 40\% (0.18) = 0.63 \text{ M}^3$ surface water crate.



2



The area has a low risk of flooding and the shepherd's hut entrance is 620mm above ground.

Digest 365 testing photographs



3



Left- hand side hole 1.

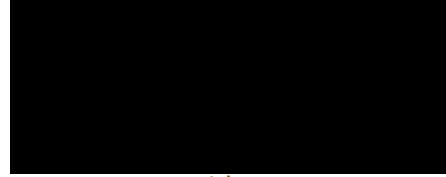
Pegs indicating 250mm drops

Right-hand side hole 2

Overview

With the shepherd's huts entrances located 620mm above ground, surface water flood low and drainage crates installed and located in the grassland near each hut. I consider the surface flood risk low.

Written by



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