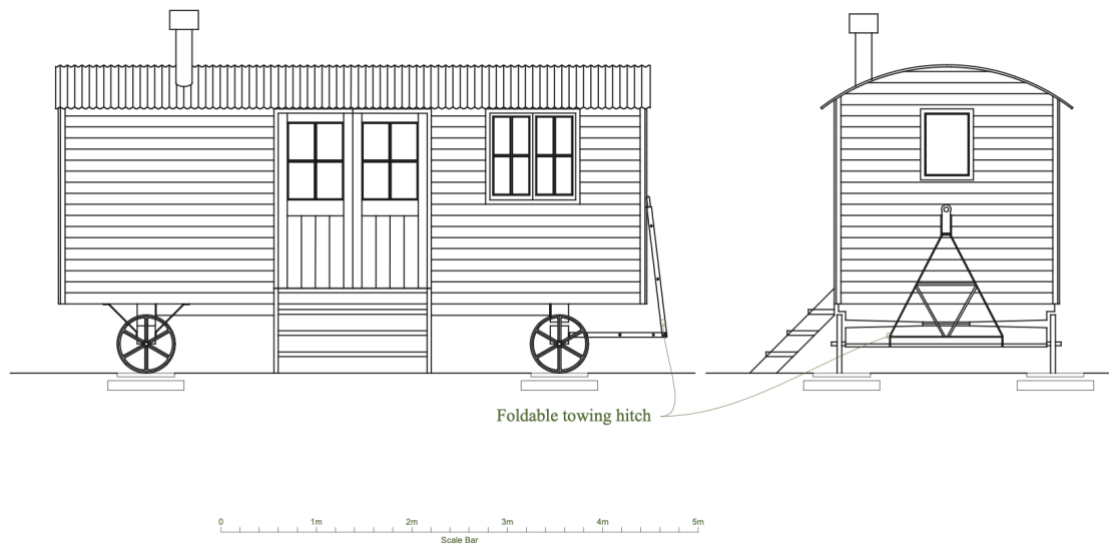


Flood Risk Assessment Land North of Langmersh Chichester

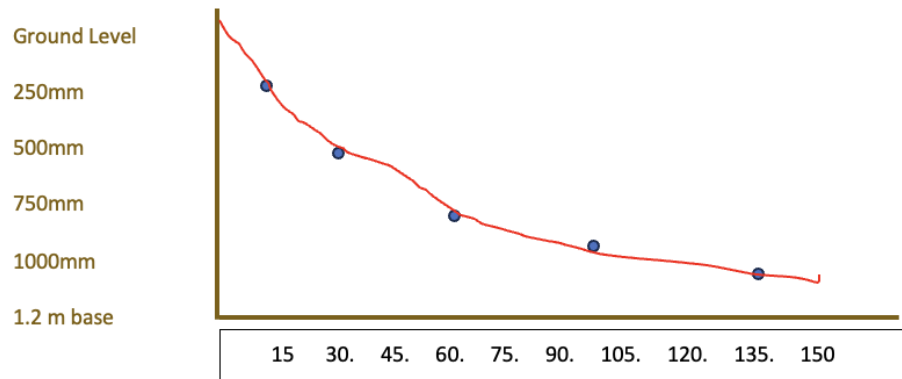
Post Code PO20 1LW

Planning Application P/6/25/PL



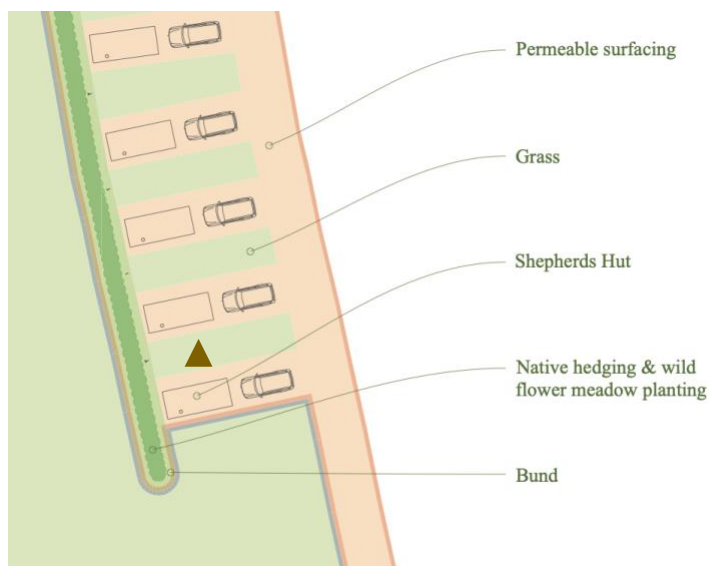
The area is in a flood zone 1, located over loamy soils with no groundwater detected at 1.2m. Two digest 365 tests were undertaken on Monday 16th June, two excavation holes each 1m x 1m x 1.2m deep using IBC water containers – see page 2 of these observations.

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

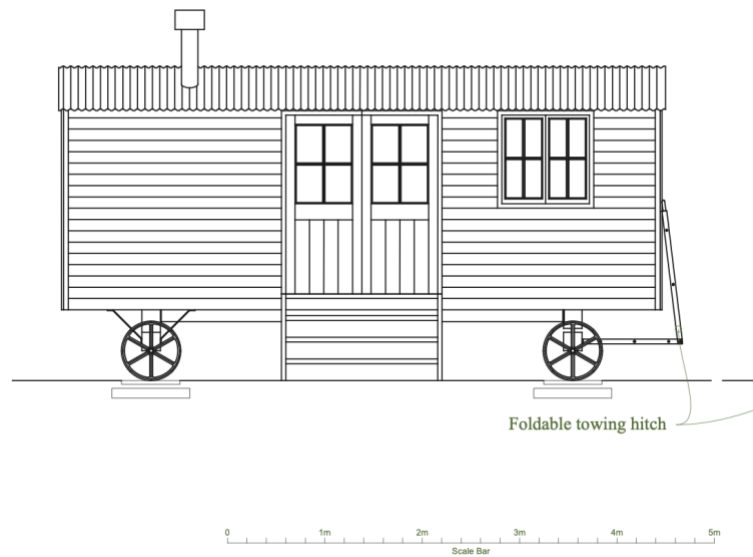


14.88 M2 (roof area) x 0.03 (storm event) x 40% uplift for climate change = surface water

14.88 x 0.03 = 0.45 x 40% (0.18) = 0.63 M³ surface water crate.



French Drain surrounding each hut discharging to a 0.7 M3 drainage crate located in the grass▲



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

Digest 365 testing photographs





Left- hand side hole 1.

Right-hand side hole 2

Pegs indicating 250mm drops

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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