

Flood Risk Assessment

Client: Mr Chris & Mrs V Day

Project: Conversion of existing cartlodge and outbuilding to form annexed accommodation for elderly relatives and installation of 2No. ground solar array panels.

Site Address: Dillacks farm, Colchester Rd, Assington, Sudbury. CO10 5LT.

Date: December 2023

Reference: 1264-02-FRA

Revision : -



Introduction

This statement has been prepared to assist with the planning application to determine the risk of flooding from rivers, reservoirs and surface water.

This document should be read in conjunction with the further supporting documentation submitted for consideration.

The Proposals

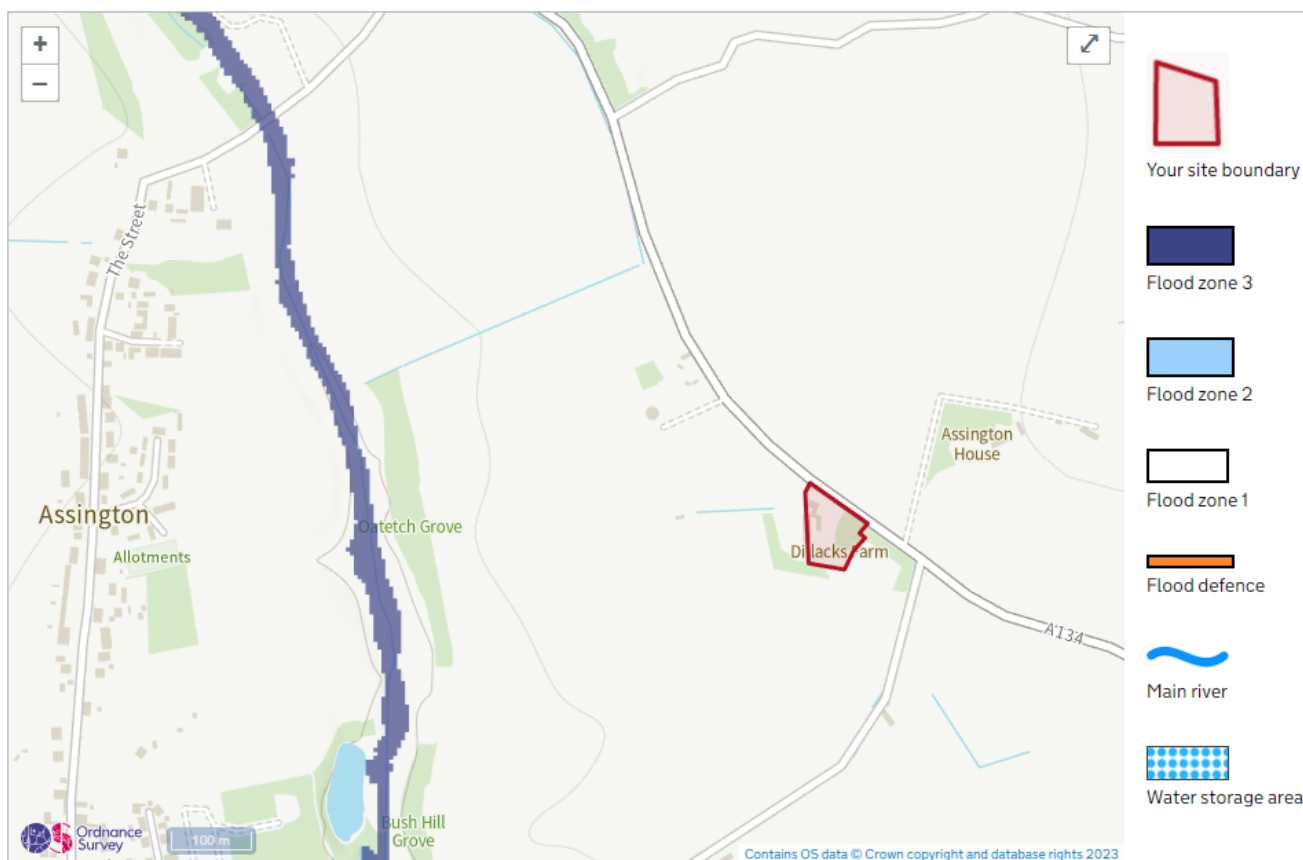
The proposal comprises the conversion of an existing cartlodge and outbuilding to form additional habitable space for use solely in conjunction with the host dwelling.

The conversion work will create a suitable private space to take care of elderly relatives who will live there.

The Site

The site is situated west of Assington off the A134. The site area is approximately 0.7ha and is located in Flood Zone 1 which is considered low risk according to the Environmental Agency data.

The map shows the flood risk to your site and the surrounding area.



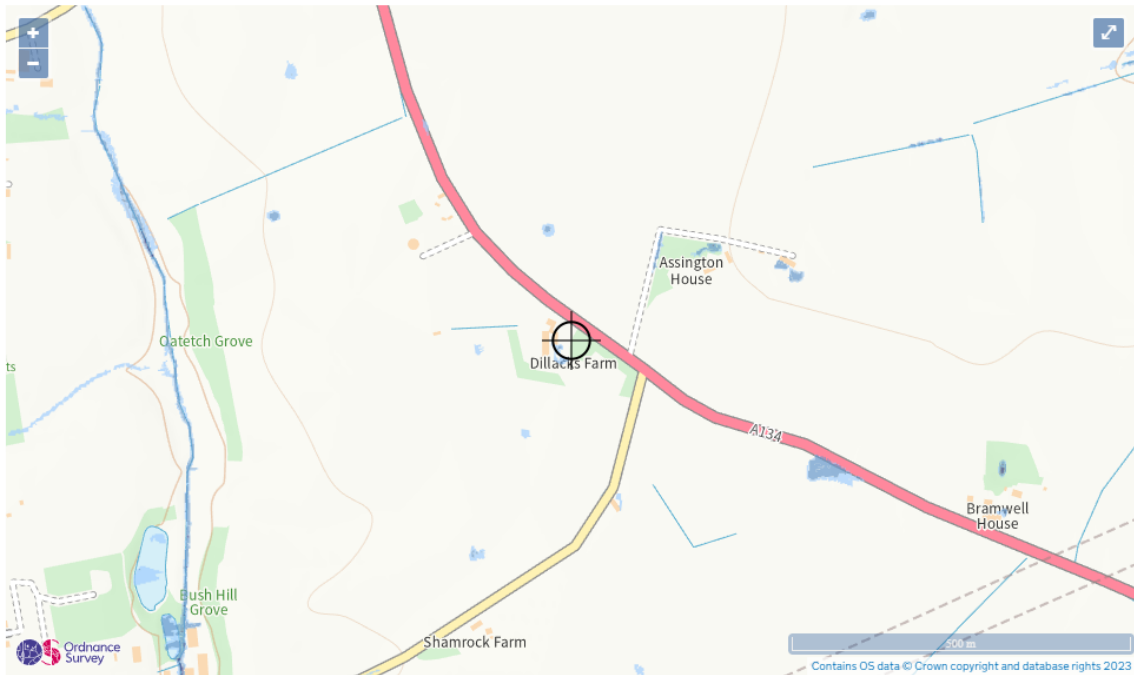
Site location in Environmental Agency Flood Zone 1 classification

Flood risk

High risk: depth

Location

Enter a place or postcode



Surface water flood risk: water depth in a high risk scenario

Flood depth (millimetres)

Over 900mm 300 to 900mm Below 300mm Location you selected

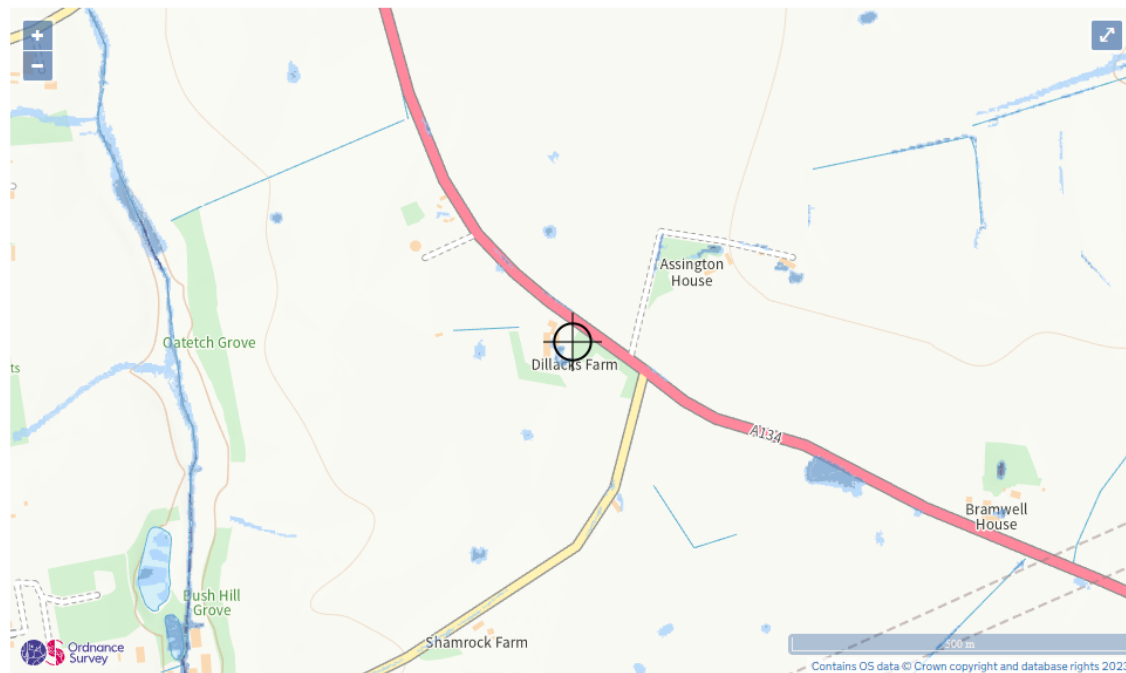
Extent of flooding from surface water at high risk scenario (over 900mm) - no risk

Flood risk

Medium risk: depth

Location

Enter a place or postcode



Surface water flood risk: water depth in a medium risk scenario

Flood depth (millimetres)

Extent of flooding from surface water at medium risk scenario (300 to 900mm)

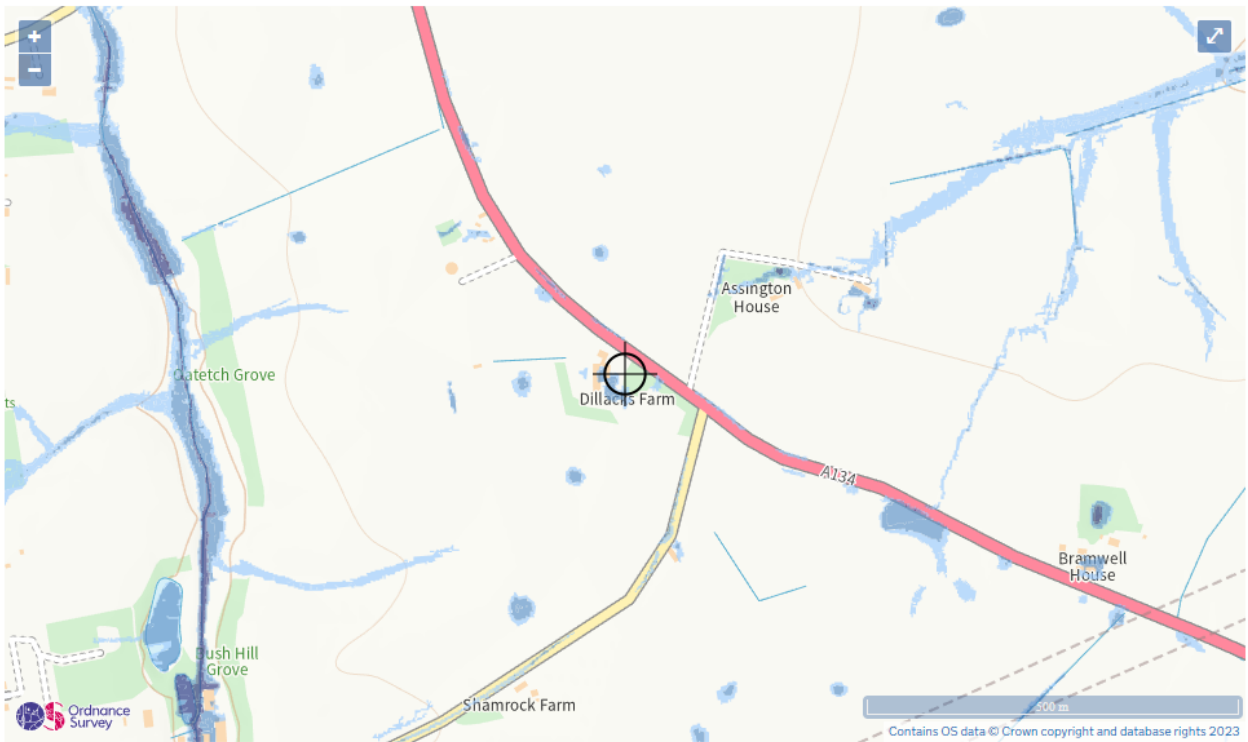
- no risk

Flood risk

Low risk: depth

Location

Enter a place or postcode



Surface water flood risk: water depth in a low risk scenario
Flood depth (millimetres)

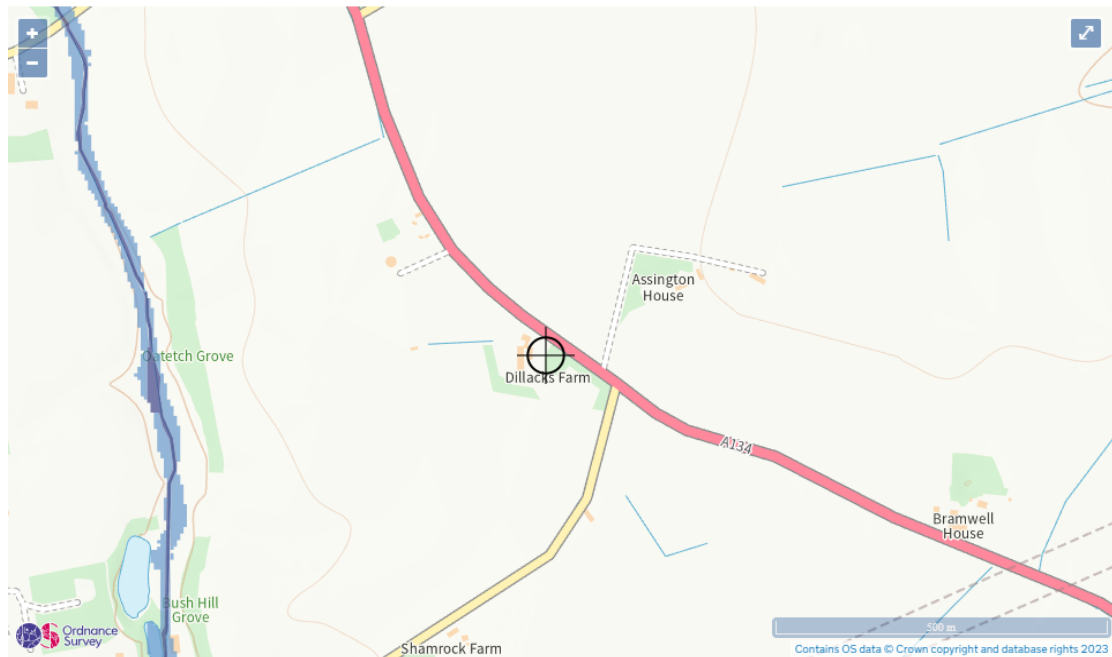
Extent of flooding from surface water at low risk scenario (below 300mm) - low risk

Flood risk

Extent of flooding

Location

Enter a place or postcode



Extent of flooding from rivers or the sea

High Medium Low Very Low Location you selected

Extent of flooding from river or the sea - no risk

Conclusions

The floors levels of the proposed cartlodge and outbuilding conversion will be set to match the existing floor levels therefore there is no greater risk than there is as existing in the event of a flood.

Furthermore, the existing ground level falls to the nearby pond and the floor level is over 300mm above the ground level at the higher end (towards the house) dropping to approximately 600mm at the corners near the pond which mitigates any flood risk in the low risk surface water scenario.