

# Flood Risk Assessment Statement

Proposed extension to domestic property

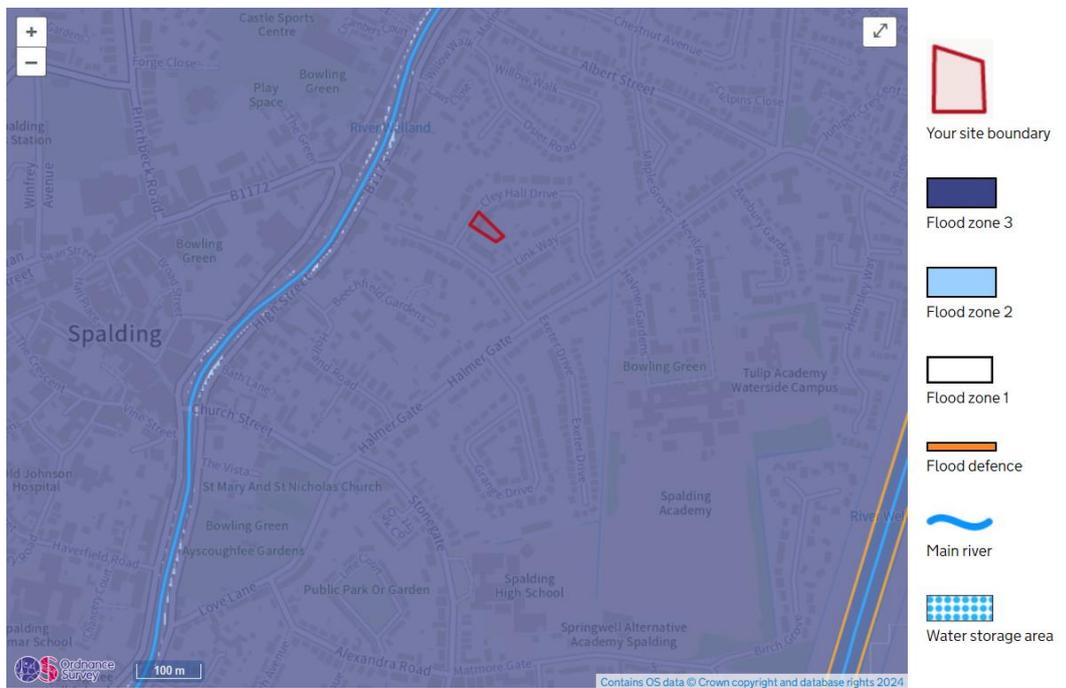
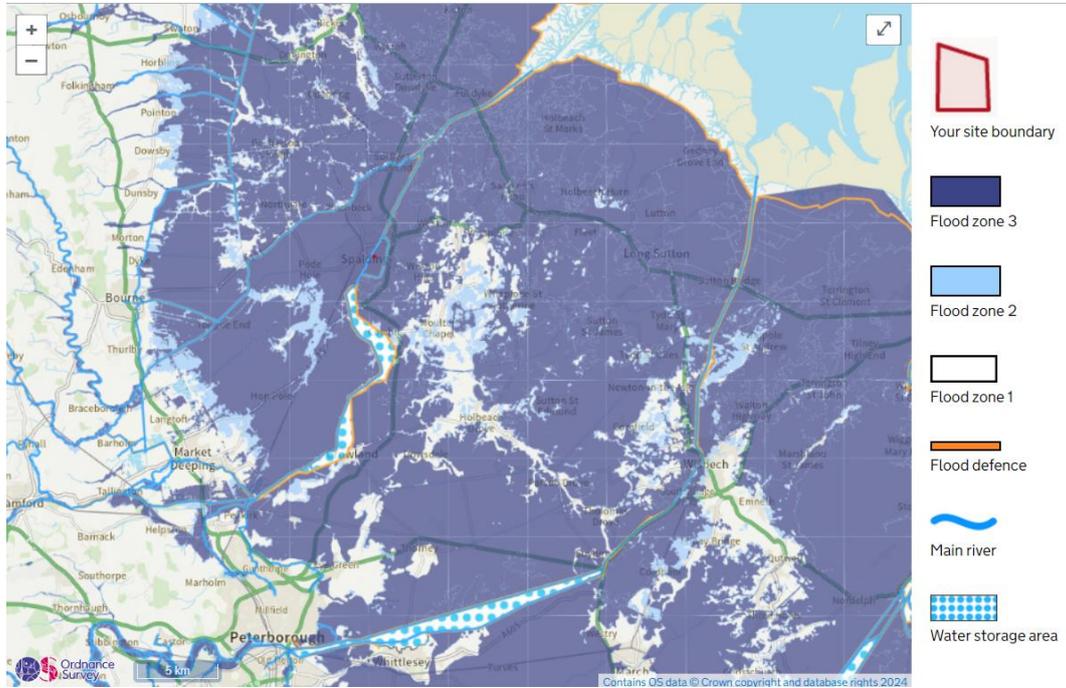
Supporting information for application – H16-0100-25

20 Cley Hall Drive  
Spalding  
Lincolnshire  
PE11 2EB

Client :- Mr & Mrs D Scase

Flood Risk Assessment

The address for the property is 20 Cley Hall Drive, Spalding and referring to the Environment Agency website sits within a Flood Zone 3 area, below are extracts from the websites map.



The subject building is a residential property which has all the sleeping accommodation at first floor level, the proposed extension sits to the rear of the property the floor levels of this new section will have to match the floors levels of the existing property throughout. Trying to

The construction of the extension will use traditional techniques consistent with the architectural style of the original property, the walls will be brick with a blockwork inner leaf, the intermediate floors will be timber, and the roof will be plain clay tiles to match the original.

The proposal will not contribute to any increased flood risk in the area and the increase in roof area is minor over the original layout.

The following measures would be incorporated into the final design to provide better flood resilience.

- The insulation to the floor slab will be expanded urethane closed cell insulation which will be less affected by water if a flooding event ever occurred.
- The insulation to the external walls will be expanded urethane closed cell insulation which will be less affected by water if a flooding event ever occurred.
- The external doors and windows will be uPVC.
- Any service entries through the slab or walls are to be properly sealed using spray foam.
- Electrical sockets will be positioned at a higher level to remove potential ingress points.