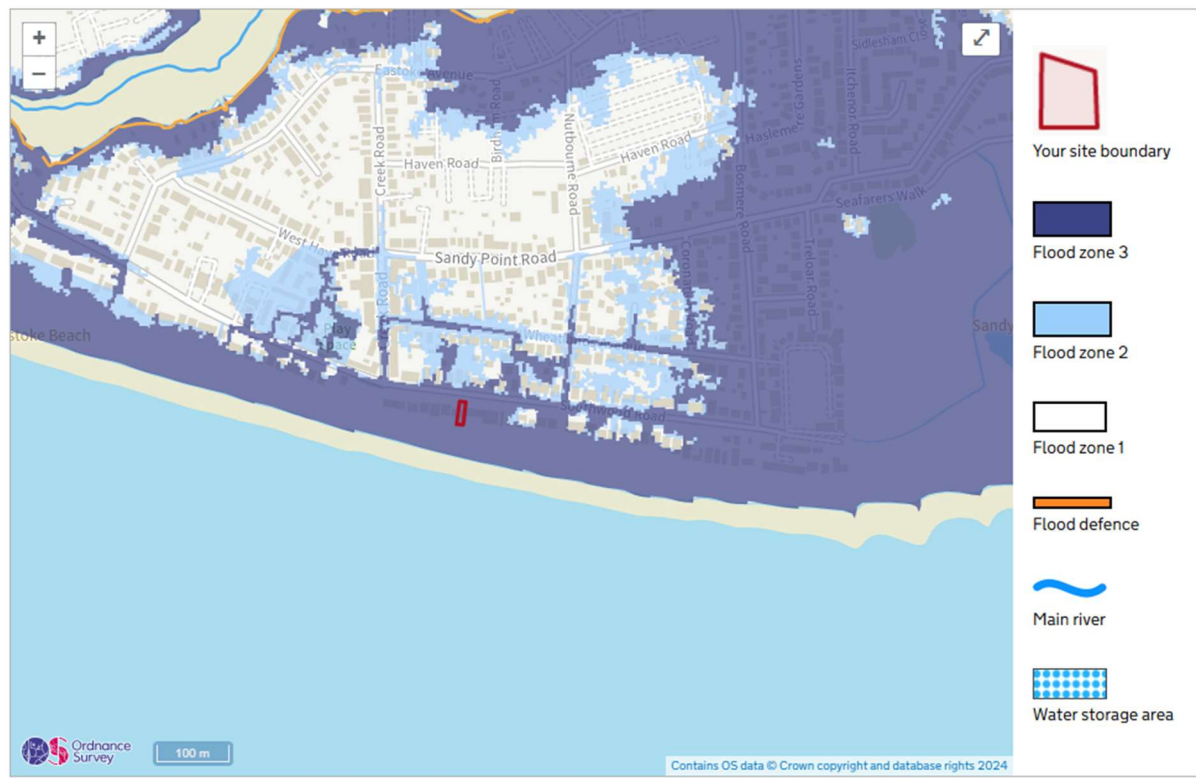




**FLOOD RISK ASSESSMENT AT
132 SOUTHWOOD ROAD,
HAYLING, PO11 9QH.**

Flood Risk:

The Environment Agency flood map indicates that the site lies within flood zone 3.



Extend of flooding from rivers or Sea:

You will see from the map above that the site falls under the dark blue shading (flood zone 3). This means it has a high probability of flooding.

Please refer to the link below:

[Flood risk information for this location - Flood map for planning - GOV.UK](#)

Therefore, based on the Environment Agency recommendations for householder and other minor extensions the following provisions have been put in place:

Floor levels in the proposed garage extension will be set no lower than the existing garage floor level AND Flood proofing of the proposed development has been incorporated where appropriate.

In accordance with EA guidelines the following Flood proofing measures have also been considered:

- 1) Power sockets and other electrical services will be set a minimum of 500mm above finished floor level.
- 2) Door apertures will be designed to accommodate the future installation of a kite marked floor protection barrier.
- 3) If air bricks are used within the below DPC construction, proprietary air brick covers will be purchased by the applicant.

In addition to the above, perimeter drainage i.e. French drain will be installed around the garage to help water disperse quickly.

It will also be the applicant's intention to store sand bags in the garage and use these to build a dam and help block the water and direct it to an exit path.

The applicant will also ensure that the garage door weatherstrip is adequate and fit for purpose and will regularly check and replace this once worn out.

Finally, the applicant will ensure all gutters are clean and in good condition.

Flood Warning Excavation Plan: Please refer to the recommendations below which state what to do before, during and after flooding has occurred.

Before a Flood
•Build an emergency kit and make a family communication plan.
•Avoid building in a flood plain unless you elevate and reinforce your home.
•Elevate the furnace, water heater and electric panel if you live in an area that has a high flood risk.
•Consider installing "check valves".
•If feasible build barriers to stop floodwater entering your home.
•Seal walls in basements with waterproofing compounds.
During a Flood
If a flood is likely in your area:
•Listen to radio or TV for information.
•Be aware of flash floods. If such occurs move to higher ground immediately.
•Be aware of stream, drainage channels, canyons and other areas known to flood suddenly.
If you must prepare to evacuate:
•Secure your home. If possible bring any essentials inside and elevate them.
•Turn off utilities. Disconnect electrical appliances, DO NOT touch electrical equipment if you are wet or in contact with water.
If you have to leave your home:
•DO NOT walk through moving water. If you have to move make sure the water is not moving. Use a stick to check the surface in front of you.
•DO NOT drive into flooded areas. If water rises around your car abandon the car and move to a safe place.
•DO NOT camp or park your vehicle along streams, rivers etc.

After a Flood
If your home has been flooded:
•Use local alerts and warning systems to get information and expert advice.
•Avoid moving water.
•Stay away from damaged areas unless your assistance has been requested by the police firefighters, etc.
•Help emergency workers by staying out of the way.
•Play it safe.
•Return home only through authorized permission.
•If you come upon a barricade or a closed road go another way.
•If you must walk or drive stay on firm ground, stay away from moving water. Standing water may be electrified.
•Roads may have weakened and may collapse under the weight of a car.
•Stay away from any flooded buildings.
•Be extremely cautious if entering a building. Secondary damage may occur.
Staying Healthy:
•Avoid floodwater; water may be contaminated by oil, gasoline or electrified.
•Listen for news if the water supply is safe to drink.
•Clean and sanitize everything that got wet.
•Rest often and eat well.
•Discuss your concerns with others and seek help.
Cleaning up and repairing:
•Turn off the electricity at the main breaker.
•Contact your insurance agent to discuss claims.
•Listen to the radio for information or assistance.
•If you hire a cleanup team make sure they are qualified to do the job.
•Stay clear of people driving around offering cleanup or repair services.