

Flood Risk Assessment (FRA) template

Please enter text in the boxes provided.

1 Site description

1.1 Site address

24 The Marlinespike, Shoreham-by-sea, West Sussex, BN43 5RD

1.2 Vulnerability classification

1% AEP Plus 25% Climate change.

1.3 Flood zone incompatibility

N/A

1.4 Lifetime of development

50+ years

1.5 Local Plan policies and SFRA recommendations

Adur & Worthing SFRA 2024 & EA Standing Advice guidelines

2 Assess flood risk

2.1 Existing site

Detached bungalow with a loft conversion and a detached garage.

2.2 Fluvial flood risk

2.2.1 Design flood event

N/A

2.2.2 Residual fluvial risk

N/A

2.3 Tidal flood risk

2.3.1 Design flood event

N/A

2.3.2 Residual tidal risk

N/A

2.4 Surface water flood risk

2.4.1 Design flood event

Surface water to drain into new soakaways / No history of flooding.

2.4.2 Residual risk

None

2.5 Sewer flood risk

New WC to be connected to existing foul drain.

2.6 Groundwater flood risk

N/A

2.7 Reservoir flood risk

N/A

2.8 Canals and other artificial sources of flood risk

N/A

2.9 Coastal erosion risk implications on tidal flood risk

N/A

2.10 Interactions of various sources

N/A

2.11 Design flood level according to all the sources identified

N/A

2.12 Exception Test

N/A

2.13 Summary of flood risks

N/A

3 Avoid flood risk

3.1 Evidence of the Sequential Test

N/A

3.2 Sequential Approach

N/A

4 Control flood risk

4.1 Proposed site levels

The floor level of the proposed extensions will match the existing and will not be any worse than the current situation.

4.2 Flood flow route

N/A

4.3 Existing or proposed flood risk management infrastructure

Floor level raised to match existing, Socket outlets to be 450mm above FFL

5 Mitigate flood risk

5.1 Risk to people

See 4 (above)

5.2 Risk to property/building

See 4 (above)

5.3 Risk to essential services

N/A

5.4 Floodplain storage and conveyance compensation

N/A

5.5 Surface water management

All new surface water to go to new soakaways

6. Manage flood risk

6.1 Safe access and escape

Via external door openings

6.2 Evacuation plan

Using external entrance/exit points to evacuate.

6.3 Residual flood risk

N/A

6.4 Betterment provision

N/A

7. Summary of measures

All surface water to go into new soak ways, proposed extension floor levels to match existing floor levels. The proposed extensions are small and will not exacerbate the potential for future flooding.