

Flood Risk Assessment (FRA) template

Please enter text in the boxes provided.

1 Site description

1.1 Site address

2 The Marlinespike, Shoreham-by-Sea 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

Existing detached garage adjacent to detached house

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

Existing footprint retained.

No increase in surface water area.

No history of flooding.

2.4.2 Residual risk

None.

2.5 Sewer flood risk

New toilet / shower connection to existing manhole.

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

Existing garage floor level raised by 100mm (to incorporate insulation).
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4.2 Flood flow route

N/A

4.3 Existing or proposed flood risk management infrastructure

Raised internal floor level.

Walls lined and sealed internally.

Socket outlets at 450 mm above FL.

Ancillary use to main house.

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

No increase in surface water run-off.

6. Manage flood risk

6.1 Safe access and escape

External door to escape route.

6.2 Evacuation plan

Evacuate to main house.

6.3 Residual flood risk

N/A

6.4 Betterment provision

N/A

7. Summary of measures

No increase in building footprint or rainwater run-off.

The use of the existing garage as ancillary accommodation will not exacerbate the current on-site configuration or the potential for future flooding.