

Flood Risk Assessment (FRA) template

Please enter text in the boxes provided.

1 Site description

1.1 Site address

66 Shadwells Road, Lancing. West Sussex. BN15 9EW

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

End of terrace property, not subject to flooding
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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 to new soakaway provisions in compliance with the building regulations

2.4.2 Residual risk

N/A

2.5 Sewer flood risk

N/A

2.6 Groundwater flood risk

N/A or unknown

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

Finished floor level to match existing and therefore are no worse

4.2 Flood flow route

N/A

4.3 Existing or proposed flood risk management infrastructure

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| <ul style="list-style-type: none">(i). FFL's to match existing(ii). Electrical sockets to be raised to minimum 600mm above FFL.(iii). Concrete floors and also the use of materials which would allow the property to be quickly re-occupied should serious flooding occur are recommended. |
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5 Mitigate flood risk

5.1 Risk to people

See 4. Control flood risk

5.2 Risk to property/building

See 4. Control flood risk

5.3 Risk to essential services

See 4. Control flood risk

5.4 Floodplain storage and conveyance compensation

N/A

5.5 Surface water management

All new surface water from the existing property and new extensions will be drained to new soakaway with soakaway crates within.
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6. Manage flood risk

6.1 Safe access and escape

Via external door openings

6.2 Evacuation plan

Using external site entrance/exit points at the boundary in the event of evacuation

6.3 Residual flood risk

N/A

6.4 Betterment provision

N/A

7. Summary of measures

The small domestic extension will not exacerbate the current on-site configuration or the potential for future flooding . New soakaways will be used to drain the existing house therefore making surface water disposal better for the property.