

Flood Risk Assessment (FRA) template

Please enter text in the boxes provided.

1 Site description

1.1 Site address

2 Cherwell Road, Worthing, West Sussex, BN13 3NB

1.2 Vulnerability classification

NPPF - Annex 3. Dwelling house = More vulnerable

1.3 Flood zone incompatibility

Adur Worthing Stage 1 SFRA Appendix G map: 1% Plus 25% Climate Change

1.4 Lifetime of development

50 years +

1.5 Local Plan policies and SFRA recommendations

Adur and Worthing SFRA 2024 & EA Standing Advice guidelines for minor developments

2 Assess flood risk

2.1 Existing site

Detached house, not subject to flooding

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 from new roof areas to drain to new soakaway

2.4.2 Residual risk

N/A

2.5 Sewer flood risk

N/A

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

Finished floor level to match existing, therefore no worse than existing

4.2 Flood flow route

N/A

4.3 Existing or proposed flood risk management infrastructure

Proposed: Finished floor level to match existing.

Electrical sockets raised to minimum 450, above FFL

Floor to be concrete, materials to specified at technical design stage to resist damage from water should serious flooding occur

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 floor risk

5.4 Floodplain storage and conveyance compensation

N/A

5.5 Surface water management

Surface water from new roof areas to drain to new soakaway

6. Manage flood risk

6.1 Safe access and escape

Via external doors

6.2 Evacuation plan

Via existing exit points - front door and garden
--

6.3 Residual flood risk

N/A

6.4 Betterment provision

N/A

7. Summary of measures

This small domestic extension will not exacerbate the current on-site configuration or the potential for future flooding