Flood Risk Assessment (FRA) template

Please enter text in the boxes provided.

1 Site description

1.1 Site address

Flat 2, 1 Seamill Park Crescent

1.2 Vulnerability classification

'More Vulnerable'

1.3 Flood zone incompatibility

No current flood risk zoning. Adur and Worthing Councils SFRA: Risk of Flooding from Surface Water with Climate Change Allowances appears to show 1 % AEP Plus 25% Climate Change to Wychwood Gardens (west of the site) but not the development area (maps are too small to reference accurately.)

1.4 Lifetime of development

100 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

Semi-detached property divided into flats, 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 to drain to new soakaway provisions subject to freeholder and building control agreement.

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 levels to match existing therefore no increased risk

4.2 Flood flow route

N/A

4.3 Existing or proposed flood risk management infrastructure

(i). FFLs 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.

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 to be drain to new soakaway

6. Manage flood risk

6.1 Safe access and escape

Via external door openings - improved with a wider accessible entrance for a disabled occupant.

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 extension will not exacerbate the potential for future flooding as all surface water associated with the increased footprint will be directed to a soakaway. Materials which are flood resistant will be used.