

## Flood Risk Assessment (FRA) template

Please enter text in the boxes provided.

### 1 Site description

#### 1.1 Site address

12 Kings Walk, Shoreham-by-Sea, West Sussex BN43 5LG

#### 1.2 Vulnerability classification

Flood Zone 2 crosses the front south west corner of the site. Flood Zone 3 and Flood Zone 3 cross the rear of the garden. In Adur & Worthing SFRA 2024 Appendix G map, the house appears close to an area of 1 % AEP Plus 25% Climate Change.

This is a dwellinghouse, which signifies a 'more vulnerable' classification in Annexe 3 of the National Planning Policy Framework.

#### 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 and EA standing advice guidelines

## 2 Assess flood risk

### 2.1 Existing site

Detached property, house not currently subject to flooding, but front corner of site (incl part of garage) and rear of garden fall into flood zones

### 2.2 Fluvial flood risk

#### 2.2.1 Design flood event

n/a

#### 2.2.2 Residual fluvial risk

Very low chance of flooding. Less than 0.1% chance of flood each year

### 2.3 Tidal flood risk

#### 2.3.1 Design flood event

n/a

#### 2.3.2 Residual tidal risk

Very low chance of flooding. Less than 0.1% chance of flood each year

### 2.4 Surface water flood risk

#### 2.4.1 Design flood event

Surface water to drain to new soakaway provisions

#### 2.4.2 Residual risk

Very low chance of flooding. Less than 0.1% chance of flood each year.

### 2.5 Sewer flood risk

n/a

### 2.6 Groundwater flood risk

Site is outside groundwater flood alert area

## 2.7 Reservoir flood risk

Flooding from reservoirs is unlikely in this area

## 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 |
|----------------------------------------|

### **4.2 Flood flow route**

|     |
|-----|
| n/a |
|-----|

### **4.3 Existing or proposed flood risk management infrastructure**

|                                                                |
|----------------------------------------------------------------|
| i) FFLs as existing. Extension will have same FFL as existing. |
|----------------------------------------------------------------|

|                                                             |
|-------------------------------------------------------------|
| ii) new electric sockets to be a minimum of 600mm above FFL |
|-------------------------------------------------------------|

## **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 drain to new soakaway

## **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