

## Flood Risk Assessment (FRA) template

Please enter text in the boxes provided.

### 1 Site description

#### 1.1 Site address

292 Old Shoreham Road, Southwick

#### 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

Semi-detached 2-storey dwelling, 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

None

#### 2.3.2 Residual tidal risk

None

### 2.4 Surface water flood risk

#### 2.4.1 Design flood event

Surface water from new extension to drain to new soakaway in garden

#### 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**

|     |
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| N/A |
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**3.2 Sequential Approach**

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| N/A |
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## **4 Control flood risk**

### **4.1 Proposed site levels**

|                                                                                         |
|-----------------------------------------------------------------------------------------|
| Finished floor level to match the existing - the situation will be no worse than before |
|-----------------------------------------------------------------------------------------|

### **4.2 Flood flow route**

|     |
|-----|
| N/A |
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### **4.3 Existing or proposed flood risk management infrastructure**

- |                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"><li>1. FFL to match the existing</li><li>2. Electrical sockets to be raised to minimum 600mm above finished floor level</li><li>3. The existing garden slopes away and therefore the extension will be approximately 500mm above the ground level.</li></ol> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## **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**

|                                                               |
|---------------------------------------------------------------|
| New surface water to drain to new soakaway in the rear garden |
|---------------------------------------------------------------|

## **6. Manage flood risk**

### **6.1 Safe access and escape**

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| Via external door openings |
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### **6.2 Evacuation plan**

|                                                                       |
|-----------------------------------------------------------------------|
| Using external site entrance / exit points in the event of evacuation |
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### **6.3 Residual flood risk**

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| N/A |
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### **6.4 Betterment provision**

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|-----|
| N/A |
|-----|

## 7. Summary of measures

The small domestic extension will not have a detrimental impact on any flooding risks in the future