

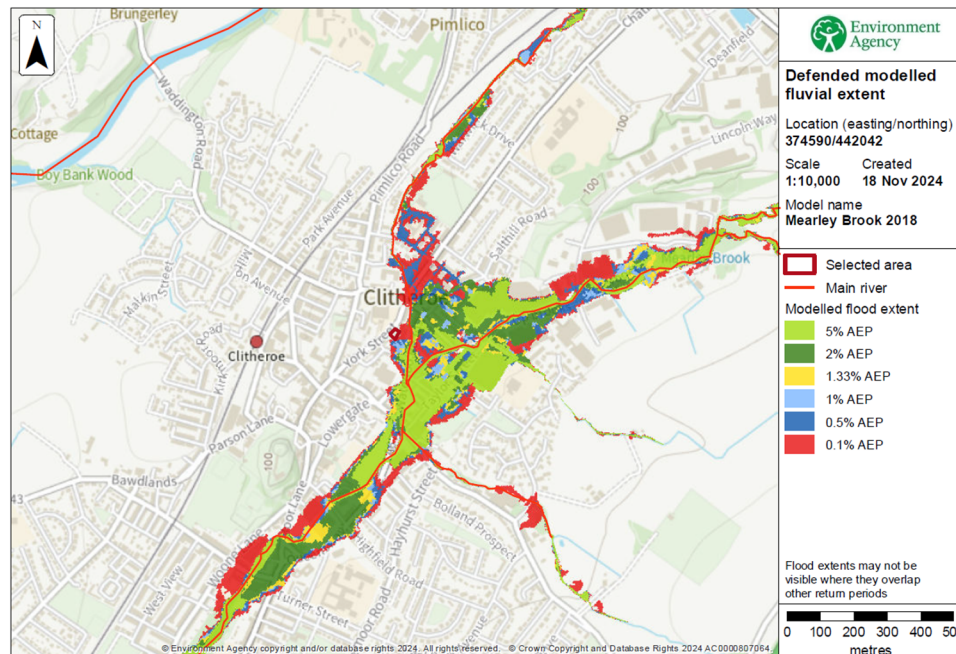
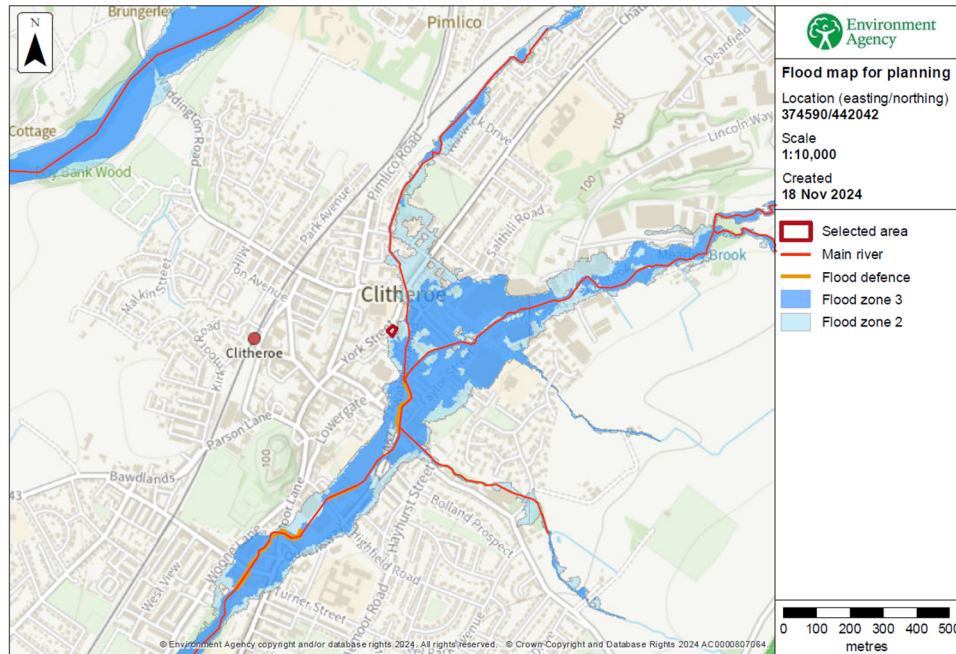
# Flood Mitigation Statement

Rosendale House  
York Street , Clitheroe, BB7 2DL

November 2024

# FLOOD RISK

The site is located within flood zone 2. Flood zone 2 shows the area at risk of flooding for an undefended flood event with between a **0.1% and 0.5%** probability of occurring in any year for flooding from the sea between a **0.1% and 1%** probability of occurring in any year for **fluvial (river) flooding**



## FLOOD MITIGATION MEASURES

### MITIGATION MEASURES: Risk to Occupants

#### Flood Alert & Warning Service

The site is on the edge an area benefitting from the Environment Agency's Flood Warning Rapid Response for Mearley Brook at Clitheroe, bordering Up-Brooks, Whittle Close, Brook Street and Peel Street. The occupiers/residents of the site are advised to sign up to this free service.

#### Access and Egress

In the event of any exceedance flooding events or flood alerts being issued, the recommended emergency escape route would be to walk along York Street towards the south-west.

### MITIGATION MEASURES: Risk to Buildings

#### Flood Resistance

In order to mitigate potential flooding of any new buildings on the site, the proposed floor level should be set above the design risk levels. These are minimal in scope and only relate to structures for bin and cycle storage. Existing buildings floor levels will be maintained or raised through replacement with upgraded performance items. Subject to Building Control approval, flood proofing measures which could include barriers on the lower ground floor doors or door-sets with rubber seals which are watertight at low hydraulic heads are to be considered.

#### Flood Resilience

It is proposed to provide flood resilience measures within the design and construction of any new buildings or refurbishments as appropriate on the development up to a minimum of 600mm above finished floor level.

These measures could include:

- A ground bearing concrete slab with no sub-floor void rather than a suspended timber or pre-cast concrete floor
- Damp proof membrane to be laid fully under the slab
- Floor insulation to be closed cell type
- Standard Gypsum Plasterboard up to 600mm [min] above ground floor slab level with a dado rail above this level to Separate the plasterboard above [for ease of replacement in the event of a flood]
- Electrical wiring to sockets, switches and fittings to be routed down walls from high level, and all electrical sockets, switches and fittings to be set at 600mm [min] above ground floor level.

In the case of the existing building refurbishments, consideration should be given to including as many flood-resilient materials and construction methods as practically possible.

## CONCLUSION

It is considered that the existing building is at a relatively low risk from flooding within Zones 2 lying on the edge of York street. The most recent flood events are minor and are not in the immediate locality being restricted to lower lying areas along the nearby water course.

