Whinney Hill Park Flood Alleviation Scheme
Design Concept Proposal

The proposed design for the central glade of Whinney Hill Park aims to collect and slow surface runoff water as part of a catchment-wide flood mitigation scheme. This provided further opportunity to enhance the landscape design of the park, instating a trajectory of successive habitat types along the length of the park while enhancing its sense of place through more formalised elements. The **key design obectives** were to: **1)** provide flood-water retention; **2)** improve pedestrian access around the park; **3)** create a sense of arrival through areas of more formal design and vibrant planting; **4)** improve biodiversity through more varied, resilient planting; **5)** enhance its potential as a space for recreation, play and learning.

1)

2)

3)

Indicative flood levels temporality: **1)** Low-level flooding would fill the main overflow swale channel, through the centre of the park; **2)** Maximum capacity scenario where the two flood basins are filled; **3)** Post flood-event the main and secondary swales hold residual flood water, reflecting the natural, meandering forms of the floodplain.

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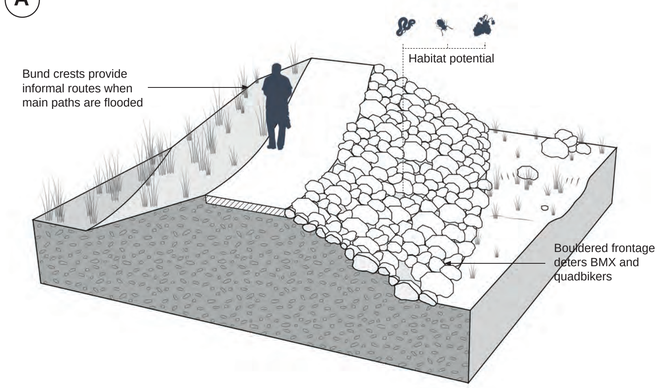

Detail of proposed earthwork treatment. The design proposes a bouldered facade to the outer side of the flood-basin bunds to provide an aesthetic contrast against the more naturalistic vegetation. This would be formed of local stone to create a drystone wall effect synonymous with Brighouse's heritage.


Rough grassland at Kirkojarvi Flood Park, Finland


Informal meadow pathways and play areas in Girona

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European Union
European Structural and Investment Funds
Environment Agency
Calderdale Council
West Yorkshire Combined Authority
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