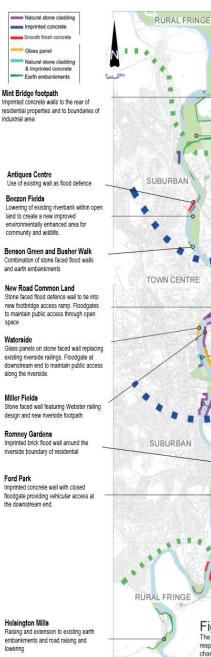
European Union European Regional Development Fund

Environment Kendal Flood Risk Management Scheme Sand Aire House and Lambrigg Terrace Scheme Completion

The Environment Agency is delivering a Flood Risk Management Scheme to better protect homes and businesses from flooding in the Kent Catchment, and improve the local environment and community amenities. Kendal is the first area to be delivered, followed by Burneside, Staveley, Ings and upstream measures including flood storage. Flood defence works at Sand Aire House and Lambrigg Terrace is the ninth section of work to be completed in Kendal.

Plan of flood defences and finishes



space

lowering

Lakeland Plastic Combination of imprinted concrete wall and earth embankments to boundary of site

Mintsfeet Earth embankments set back from watercourse and landscaped providing an enhanced area for the community and wilflife

Sand Aire House & Lambridg Terrace Stone faced flood defence wall

Gooseholme Park Stone faced flood wall with integrated glass panels between Stramongate Bridge and Gooseholme Park. Flood gates will retain access into the open space

Little Avnam Road Stone faced flood defence wall to tie into new Gooseholme Bridge

Waterside Flats Flood defence wall in vicinity of residential flats. Natural stone cladding to the riverside with imprinted concrete to the residential side. Floodgates maintain pedestrian access.

Aynam Road The flood wall will extend along Aynam Road and will be a combination of stone faced and 411m of integrated continuous glass panels. Low sections will be topped by railings.

Parish Church frontage Stone clad wall with low sections topped by railing. Access ramp over the flood defence linking to Kirkland.

Clarks Smooth finish concrete wall with low sections topped by railing.

Fig 4.1 Design Strategy The proposed scheme and finishes to the design components responds directly to their location within each of the identified



Agency

What have we done?

The construction works at Sand Aire House and Lambrigg Terrace consist of a new riverside flood wall finished in natural stone. At Sand Aire House, replacement and additional planting has taken place, a new riverside access has been integrated with up-and-over steps to the north of the car park and riverside views have been maintained by the addition of a raised decked area to the south.





















Community Improvements

Within Sand Aire House grounds, two features have been integrated into the scheme design that maintains both access and views of the riverside. The up-and-over feature provides access directly to the river Kent and the decked area with a ramped access creates an outdoor space for all residents to enjoy.



New up-and-over to enable access to the river

Environmental and wildlife benefits

The mixture of planting will bring a diverse range of food and shelter for many insects, and provide extensive foraging for birds and other wildlife. The flowers of the newly planted trees will provide pollen and nectar for insects in Spring and Summer, with the leaves being enjoyed by many different types of moth caterpillar such as the Lime Hawk, Peppered and Vapourer.



Tree Species

4 Small-leaved native lime trees have been planted. These trees are medium-sized deciduous trees with a spreading crown which creates great shade. Its glossy, dark green, heart-shaped leaves turn yellow in Autumn. In Summer, small fragrant pale yellow flowers emerge. These trees provide habitat and food for a number of birds and insects, particularly bees who drink the aphid honeydew from the lime leaves.

Plant Species

A mixture of over 400 ornamental plants have been planted. These plants have been selected to offer colour throughout the year such as the Mexican Orange Blossom. *(pictured right)*



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