







Tionscadal Éireann
Project Ireland
2040

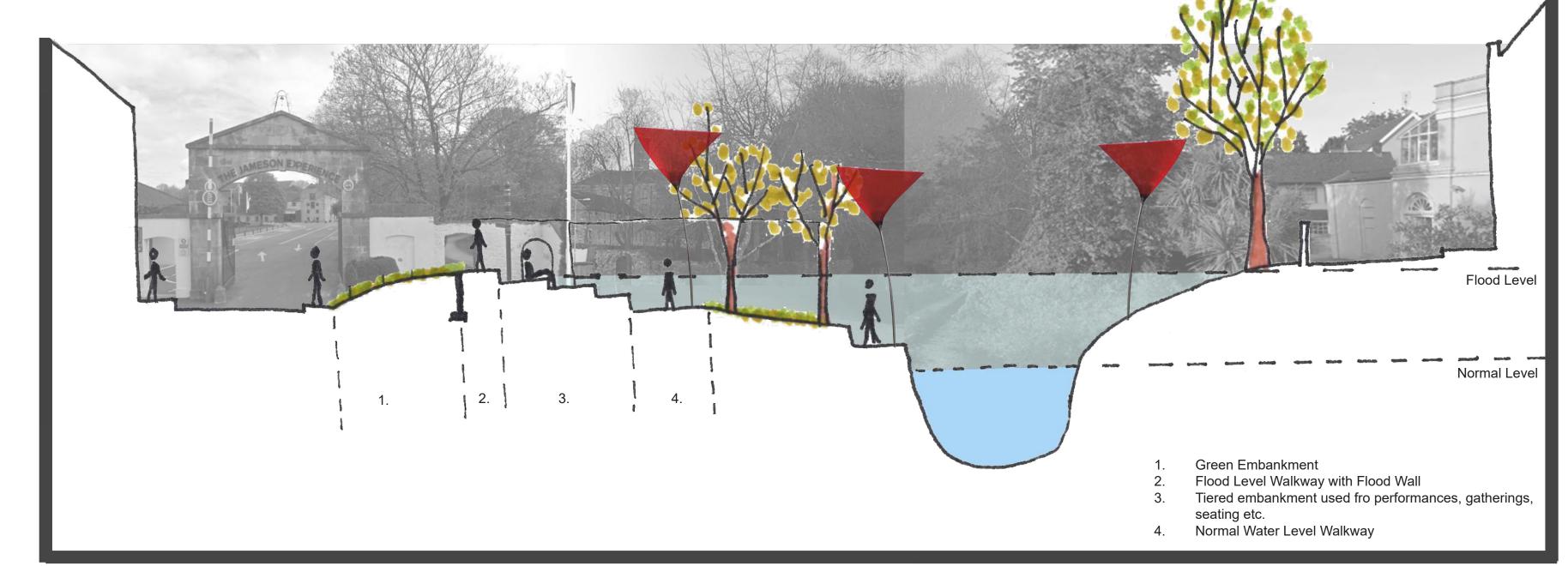
ARUP

ARCHITECTURAL DETAILS AND PUBLIC REALM DESIGN APPROACH TO FLOOD RELIEF SCHEMES

LOOKING AT PUBLIC INFRASTRUCTURE TO DELIVER SOCIAL AND ENVIRONMENTAL AMENITY FOR THE COMMUNITY

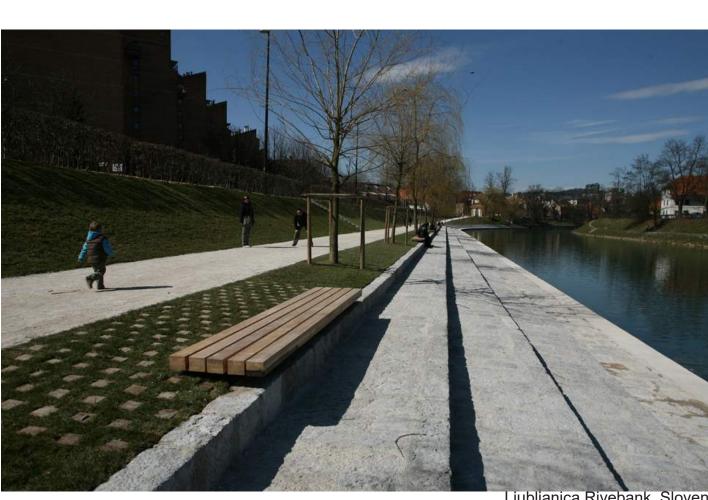
WHAT IF...

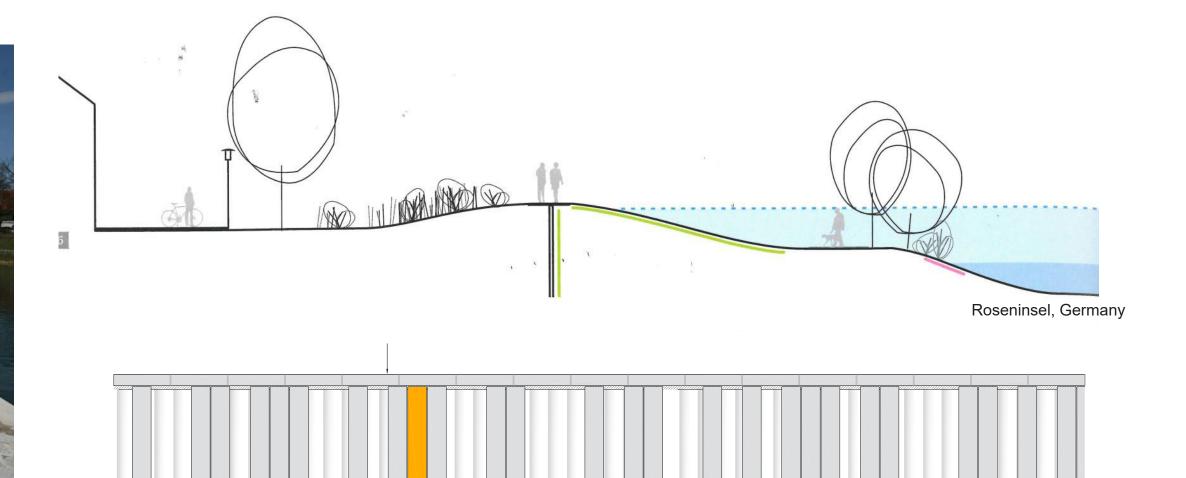
We could create flood protection infrastructure that serves the town? Instead of creating a wall between the town and the water, the scheme could form a string of pearls of social infrastructure and enhance the existing heritage and environmental elements of Midleton.





Poppy flower lights in Italy





100 x 1200 x 40 Crystal Pave cladding / paving (Colour: RAL4006 (25%), RAL5002(25%), RAL6021(25%) & RAL1028(25%)

Ljubljanica Rivebank, Slov

100 x 1135 x 40 mm dryjointed (5mm to align with footpath paving)
 limestone cladding mechanically fixed top and bottom
 as per section detail (50% random coverage as per indicative pattern along length of wall)

1495

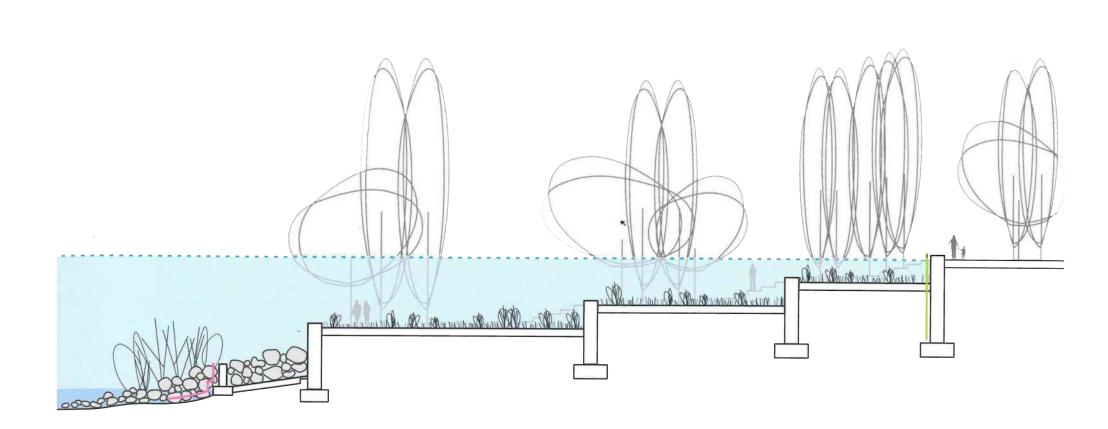
1:20 Paving Plan Detail Wall Type 3

1:20 Elevation Detail Wall Type 3

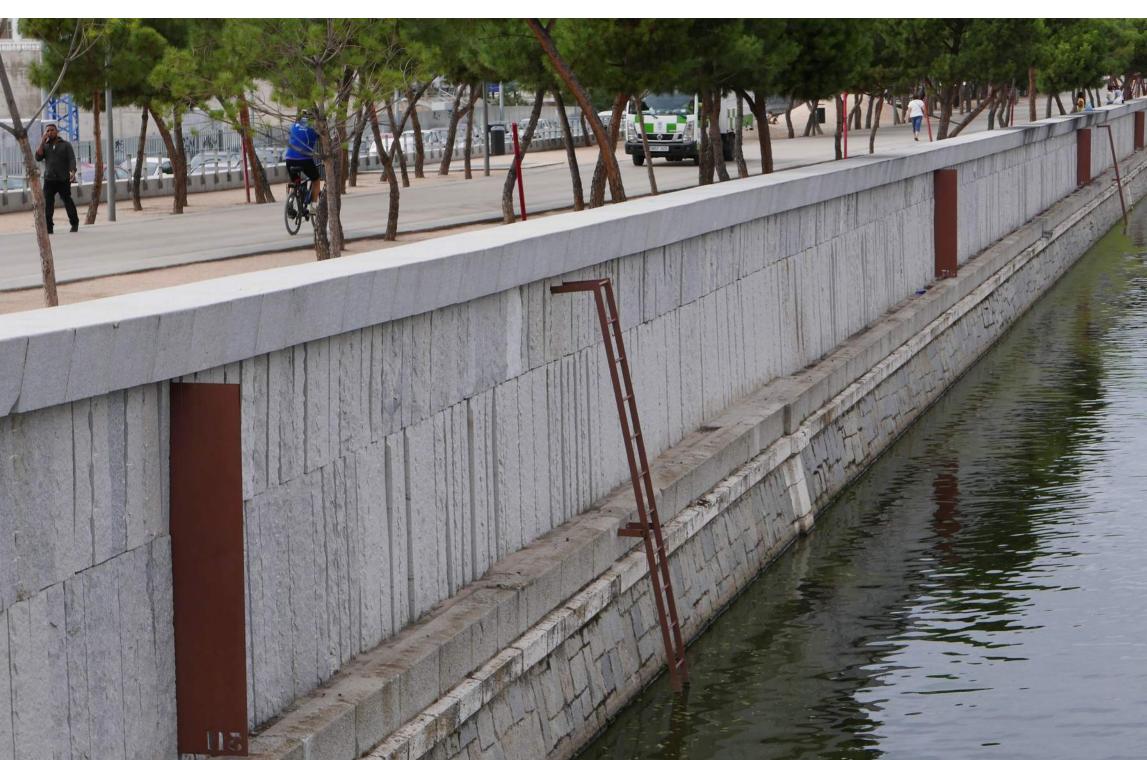
Ljubljanica Rivebank, Slovenia

DID YOU KNOW?

Through quality detail design you can mix different materials to deliver attractive final finishes which in turn results in inclusive and beautiful placemaking for the town.

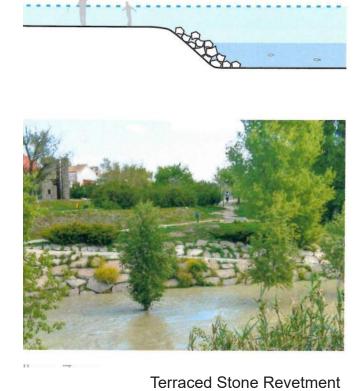


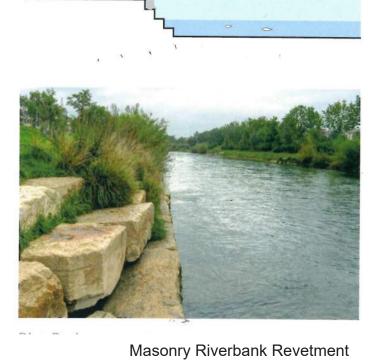
Yiwu amd Wuyi Rivers, China

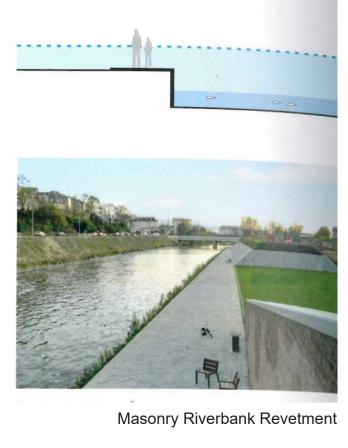


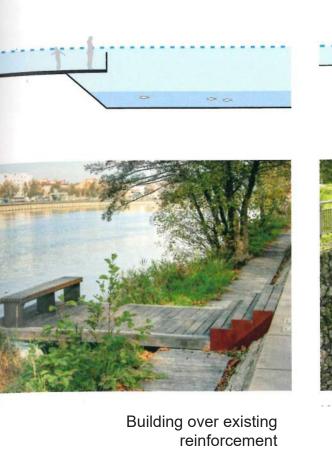
Rio Park, Madrid

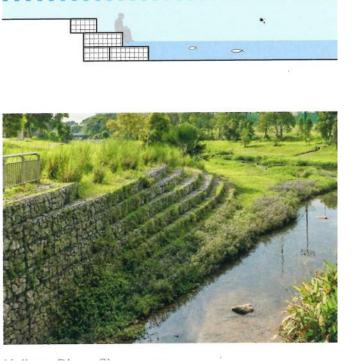
Rio Park, Madrid











Terraced gabion revetment

Reference: River. Space. Design.



Rio Park, Madrid

The flood relief infrastructure could become an opportunity to deliver biodiversity and a sustainable green river channel. The new public space will enhance existing heritage and environmental assets within the townscape.



