

Vegetation structure and landscaped enclosures

When the Allier river becomes urban fabric

The Allier as a landscape for the faubourg

Connecting the city and its river is to restore the geographical space within the urban fabric itself. The whole suburb of Madeleine is thought as an extension of the Allier Park. A weft of planted ways and walks connect the river to the new public places in heart of lots.

Our intervention is set up in a process of densification of the urban fabric and the creation of public space. Basing ourselves on the potential represented by the hearts of the lots, we propose a reinterpretation of the enclosures of the diocese and the CNCS open spaces and their progressive systematization. The reconquest of the hearts of the lots gives the new typologies all around of which are implanted the new typologies.

The interweaving of low buildings (individual and intermediary) and small collectives appearing over the suburban fabric and offering distant views on the main territory, allows to integrate the new morphology into the existing suburban fabric.

The hazards of the Allier river

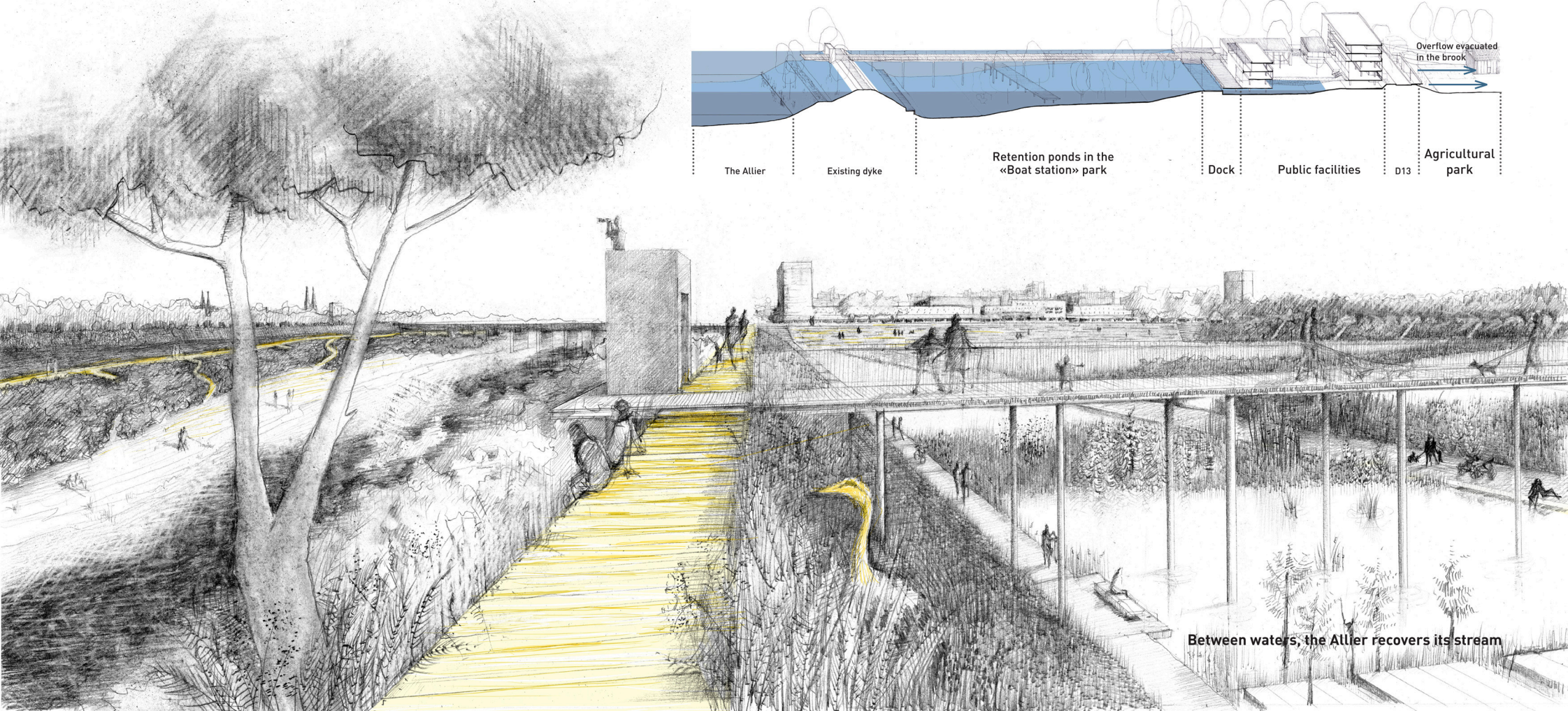
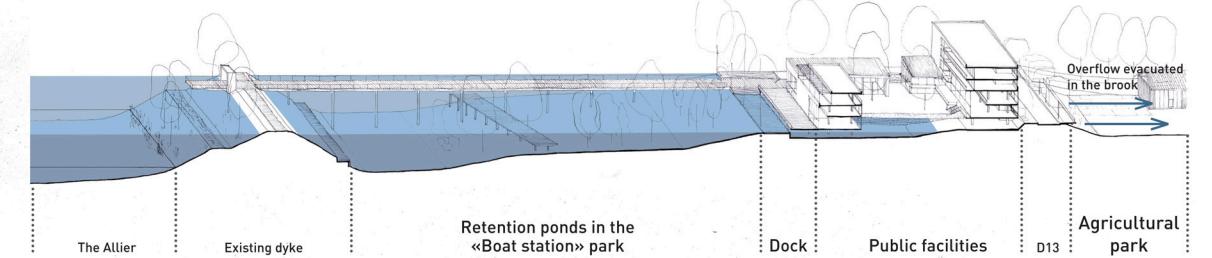
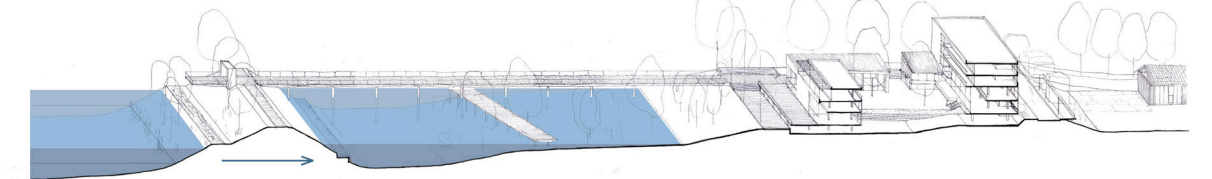
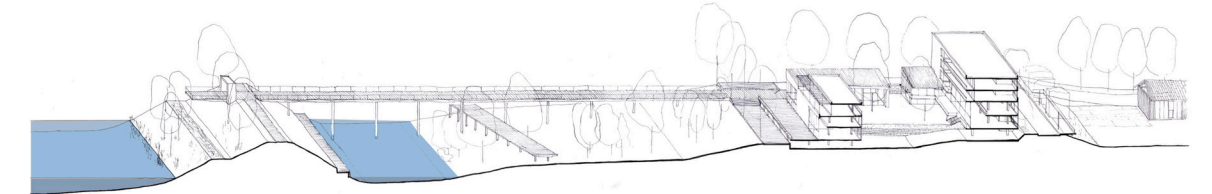
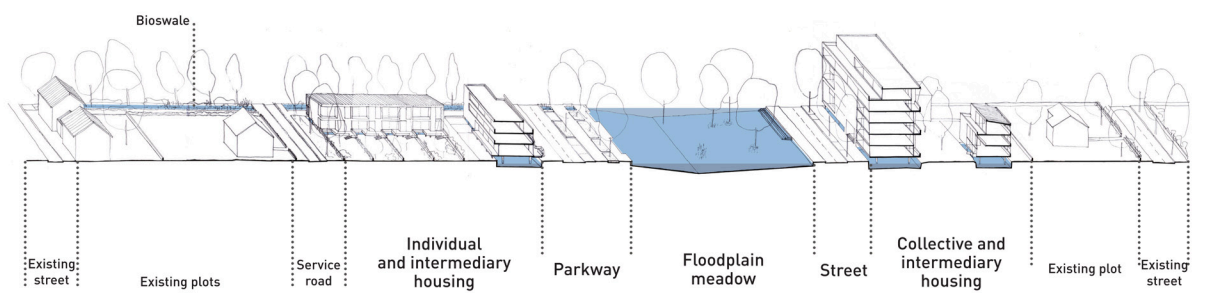
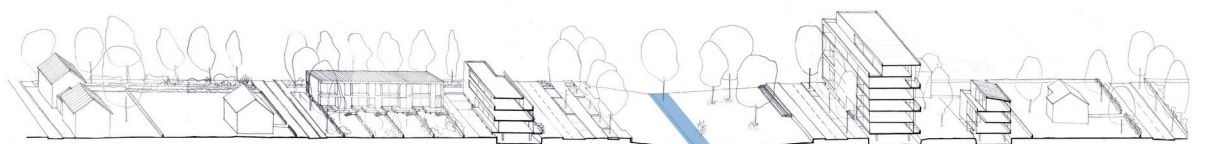
Floodplain meadows

Included in a new meshing of ways this new urban shape extends the park of Madeleine to create a garden city. Integral part of the floods management system, the landscape of the suburb evolves according to the bad weather. Meadows, slightly under the level of new ways are transformed into ponds of retention, before freeing their waters in the direction of the river by a meshing of bioswales along landscaped axes. The extra height of ground floors over half-buried parking lots, integrates the same system of restraint of water and transformation of the landscape.

The park as hydraulic system

The whole boat station and agricultural park constitute a flood management system, allowing a progressive and checked submersion, in order to balance the level of the Allier river.

At first the water goes up the Boat station park various levels, transforming it into pond. Then the ground floors of the equipments constructed on piles are flooded, and the full excess is evacuated through bioswales in the fields of the agricultural park, towards the Goutte noire brook which pours downstream in Allier river.



Between waters, the Allier recovers its stream