Panicum virgatum 'Shenandoah'

*Pennisetum alopecuroides '*Hameln'

Festuca glauca

Country / City	Italy, Imola (Bologna)
University / School	Alma Mater Studiorum University of Bologna / "Ornamental plants and landscape protection" Degree programme
Academic year	2017-2018
Title of the project	Flow lines
Authors	Elisa Corradini, Caterina Liva, Chiara Roncuzzi, Alice Bertoni

PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 Barcelona

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC
ETSAB- Escola Tècnica Superior
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08028 Barcelona-Spain

TECHNICAL DOSSIER

Title of the project	Flow lines
Authors	Elisa Corradini, Caterina Liva, Chiara Roncuzzi, Alice Bertoni
Title of the course	'Design and Construction of Green Areas' Course unit
Academic year	2017-2018
Teaching Staff	Anna Costa
Department/Section/Program of belonging	'Ornamental plants and landscape protection' Degree programme
University/School	Alma Mater Studiorum University of Bologna

Written statement, short description of the project in English, no more than 250 words

The area is located in the city of Imola, in the province of Bologna, near the 'Bretella', an urban expressway that runs at a lower level than the city's plan. In the area there is a cycle-pedestrian track that runs for a stretch along a rolling basin used today as a dog area. Overall, the whole area is inhomogeneous and with little maintenance.
The idea of the project is based mainly on three themes: the curves, the flows and the differences in height given by the topography of the area itself.
The curves of the road have defined the basic design of the paths and signs of the terrain; the flow of cars, on the other hand, has been re-proposed as masses of vegetation with soft and supple volumes, particularly grasses, which also recall the flow of water inside the rolling basin.
The theme of the topography of the land is developed both with the use of vegetation of different heights, but also by further lowering a part of the rolling basin in order to draw three different levels of water filling according to the amount of rainfall. A new route, located at the level of the cycle path, makes the area more usable.

For further information
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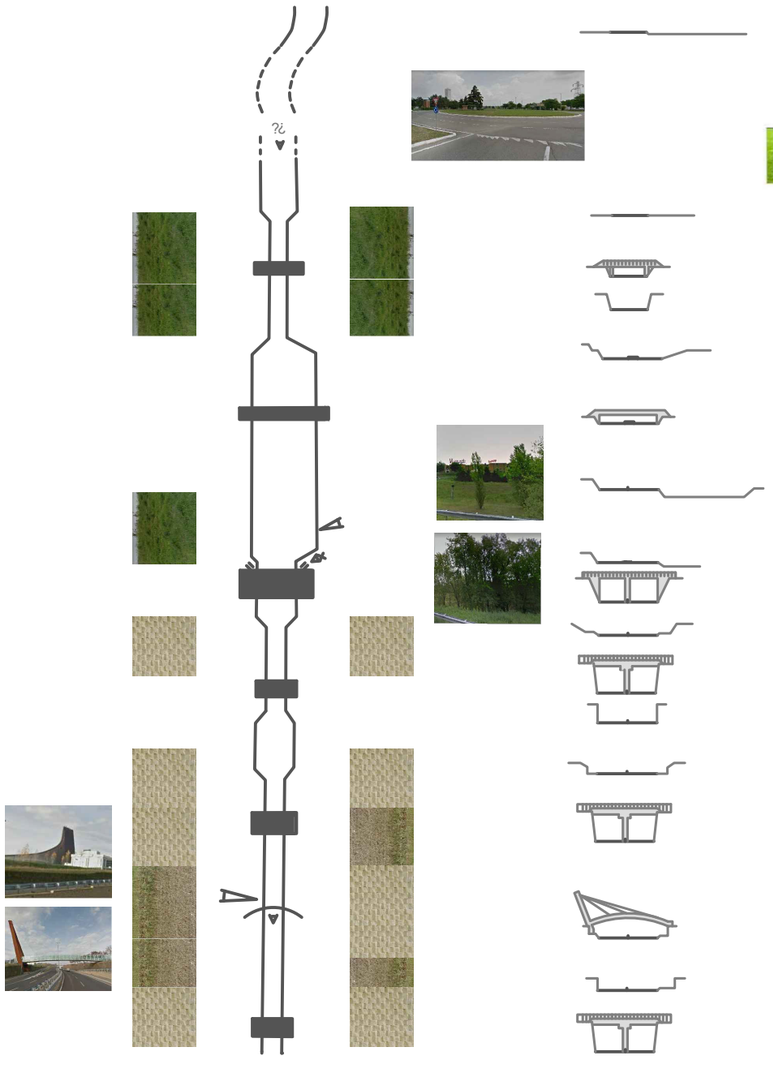
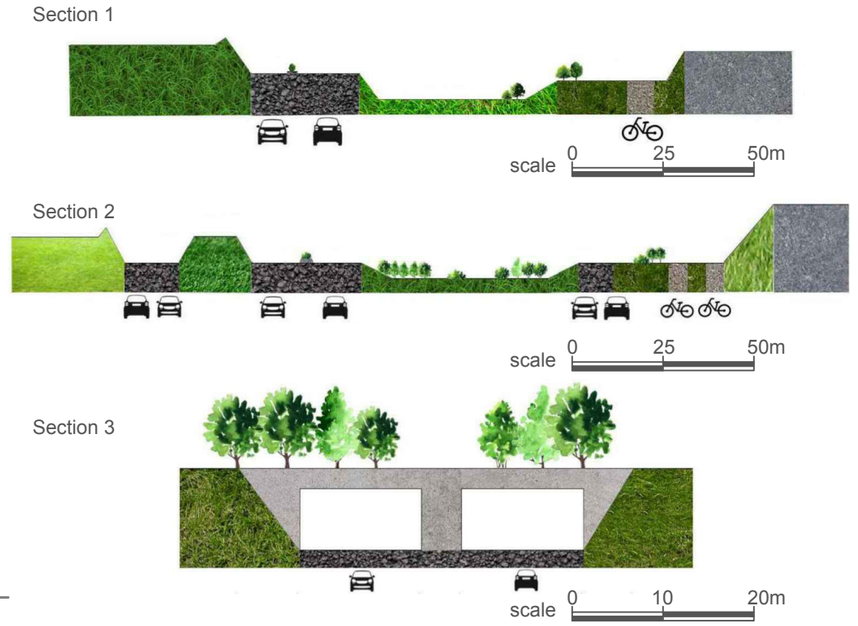
Consult the web page http://landscape.coac.net/

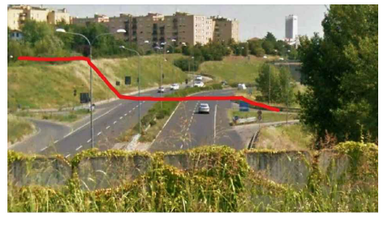
CURRENT STATE OF THE AREA

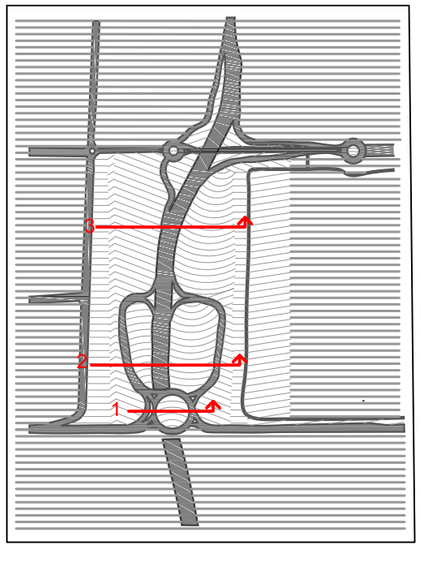
Morphology and perception of Bretella system



Section and topography of investigation area







LEGEND

Flat areas:
- Drainable pavement
- Non-drainable pavement

Slope areas:
- Drainable pavement
- Non-drainable pavement

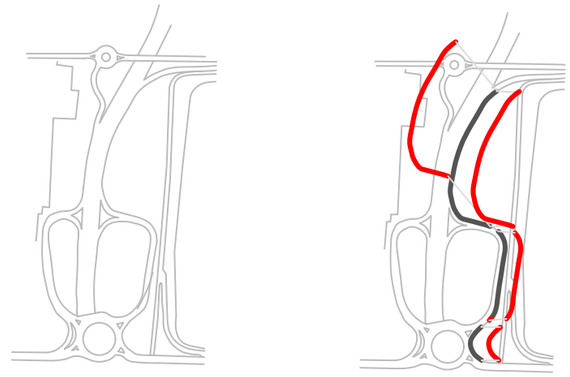
- Positive topography
- Negative topography

Existing vegetation study

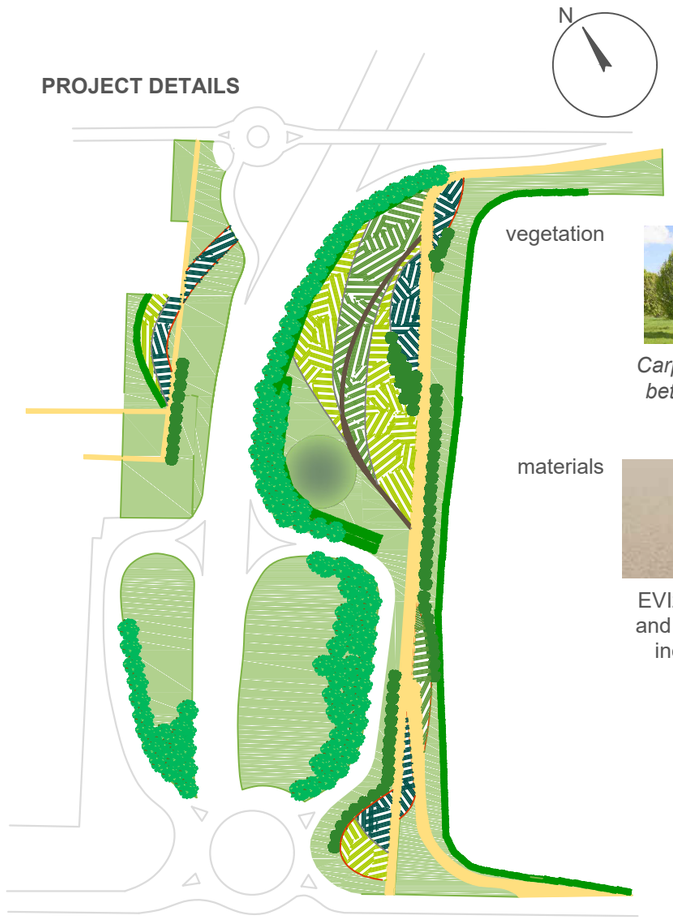
Crategus monogyna
Cercis siliquastrum
Acer campestre
Cotinus coggygria
Quercus robur
Pyracantha coccinea
Corylus avellana
Mespilus germanica
Cornus sanguinea
Malus 'Evereste'
Viburnum lantana
Prunus cerasifera 'Nigra'
Salix alba
Salix babylonica
Prunus spinosa
Carpinus betulus

PROJECT PLAN

EVOLUTIONARY PROCESS



PROJECT DETAILS



vegetation

Carpinus betulus

Populus alba

Cornus sericea

Festuca glauca

Panicum virgatum 'Shenandoah'

Pennisetum alopecuroides 'Hameln'

materials

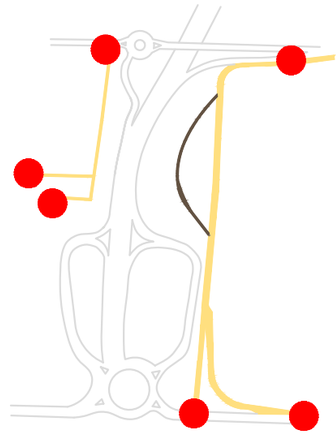
EVIzero and light inert

WPC

Natural stone

Corten

landmarks



path and access

vegetation