



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

d'Arquitectura de Barcelona

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TECHNICAL DOSSIER

Title of the project	The third margin, requalification of the North Waterfront
Authors	Thais Lacerda de Castro
Title of the course	Bachelor thesis
Academic year	2016
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Department/Section/Program of belonging	Architecture and urbanism
University/School	University of Brasilia / School of Architecture and Urbanism

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

The Third Margin project requalifies the Waterfront of Lake Paranoá in Brasilia, one of the main structuring elements of the urban image of the city. Its destiny was to offer public spaces and leisure to the inhabitants of the city. However, this noble purpose did not come to fruition and its waterfront was improperly appropriated by private owners. The area is characterized by a disarticulation with the parks and the peninsula, which are connected by the bridge of Bragueto, whose intense flow of vehicles aggravate the situation of pedestrians and cyclists that do not have exclusive tracks. Special attention was given to the landscape, with the presence of springs, swamps and vegetation characteristic of the cerrado Goiano. The project problematized the intervention in three different scales: the metropolitan one, the one of the Plano Piloto and the one of the parks. In the metropolitan scale, the reconfiguration of the Ponte do Bragueto was proposed, connecting the Plano Piloto to the satellite cities at north. The bridge with its delicate design allows the appreciation of privileged views and operates on two scales, as it articulates the two margins of the lake and the city. On the local scale were proposed restaurant, swimming pools and others. Containment basins were provided for the purpose of preventing silting of the land. The different levels of answers achieved in project reflect the complexity of landscape design: from the design of simple decks to the bridge, the same care and criterion support the solutions presented.

For further information

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Consult the web page <http://landscape.coac.net/>

- Leisure and contemplation
- Sports
- Leisure and sports facilities
- Food
- Vegetable garden and picnics
- Lifeguard

- Increased afforestation
- Preservation - draw-well
- Rain gardens - natural drainage
- Urban gardens
- Natural gardens - cerrado plants
- Swimming pools

- Existing bus stops
- Bus stop removed
- Additional bus stops
- New Sidewalks
- Path over water
- Bicycle paths
- Radius of influence on displacement - 500m
- Elevated crossing

- New buildings
- Connection network (cycle paths and sidewalks)
- Space for water activities

- Road removed
- Resized road
- Semaphore crosses
- Existing road

- Main connection axis
- Secondary axis
- Pedestrian flow
- Preservation area
- Activity focal points
- Intensity of permanence

General plan of the project

SUBTITLE

- 01 Pedestrian bridge and gazebo - see detail
- 02 Square - see detail
- 03 Urban gardens
- 04 Picnic Area
- 05 Football Field and American Football
- 06 Natural Gardens
- 07 Nature trails
- 08 Preservation area
- 09 Pools
- 10 Support and Trade
- 11 Parking
- 12 Outside cinema
- 13 Sports area
- 14 Fishing spot
- 15 Rain garden
- 16 Aquatic filter garden
- 17 Regeneration of riparian forest
- 18 Educational walkway over water
- 19 Public toilets
- 20 Bus stop
- 21 Natural Lookout
- 22 Elevated crossing with traffic signal
- 23 Shared bicycle station



Acting as the main meeting point of the project, the square is a connecting point of activities and people, presenting various possibilities of use, cultural activities, leisure or sports, during the day or night. The dynamism of the square extends throughout the course of the decks and their intersections at the margins, in which can be found various types of edge finishing and activities to be carried out, these properties diversified and unique to users.



Sections edge typologies - square



Longitudinal section - urban park



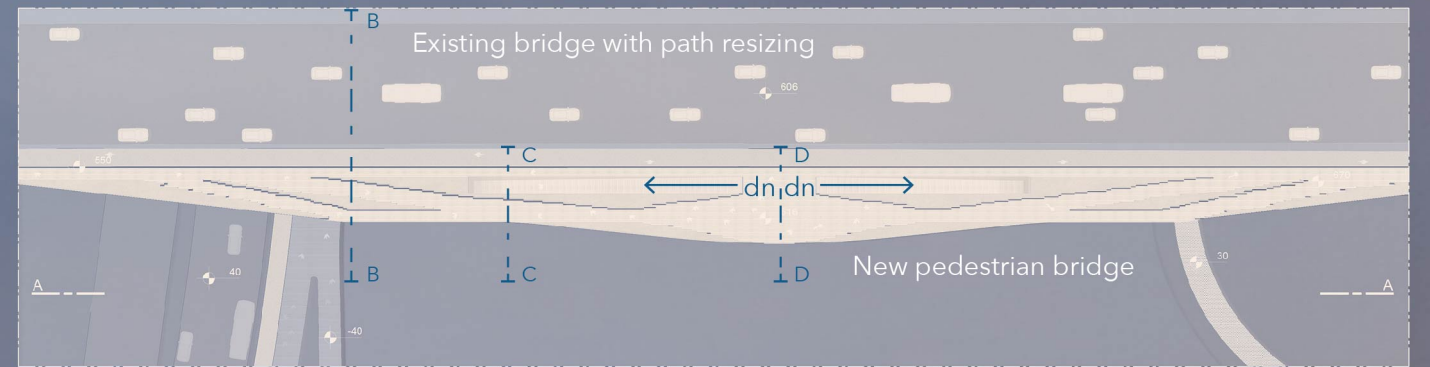
Plan Square

- SUBTITLE
- 01 Existing academy
 - 02 Commercial area
 - 03 Area for large dogs
 - 04 Area for small dogs
 - 05 Bleachers and belvedere
 - 06 Natural bleachers
 - 07 Bicycle rack
 - 08 Storage
 - 09 Area for cultural presentations
 - 10 Shared bicycle station
 - 11 Parking
 - 12 Dry fountain
 - 13 Sculpture garden
 - 14 Natural gardens
 - 15 Aquatic filter garden
 - 16 Existing playground
 - 17 Pool
 - 18 Swimming pool for water polo
 - 19 Skate lane
 - 20 Elevated or traffic signal crossing





Plan lower level
Pedestrian bridge



Plan upper level
Pedestrian bridge



Section BB - Pedestrian bridge



Section CC - Pedestrian bridge



Section DD - Pedestrian bridge



Section AA



Lower bridge access with sidewalks and bike path

natural garden with
cerrado plants
vegetation of the
Brazilian interior

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