



Country / City Medellín-Colombia

University / School National University of Colombia

Academic year 2018

Title of the project Murindó resettlement

Authors Andres Felipe Arcila, Cristian David Perez, Akemi Iwai, Diego Antonio Prieto, Carlos Milton Bules, Mauricio Herrera, Catalina Alvarez, Nicolas Sarmiento, Julian Gallego, Thomas Restrepo, Geovanny Riascos, Gonzalo Hernandez





# 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

Avenida Diagonal, 649 piso 5

08028 Barcelona-Spain

## TECHNICAL DOSSIER

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Title of the course Practica Académica Especial

Academic year 2018

Teaching Staff Jaime Alberto Sarmiento Ocampo

Department/Section/Program of belonging Architecture

University/School National University of Colombia

The municipality of Murindó is located at the border between the departments of Antioquia and Chocó (Colombia). At 1992, this municipality suffered a massive earthquake, which set Antioquia's government the obligation to temporarily displace the affected population to the Atrato's riverside, disregarding the constant overflowing problems that this new site has. Early at 2017, this makeshift town underwent one of its worst floodings, at the extent to which calamity state was declared. This meant that Murindó's inhabitants were required to be relocated again, although this time it will be to a much safer area located at the foot of the mountain 14 kilometers away from its current location. The proposal for the new urban settlement needs to be guided by the postulates of economic and environmental sustainability. Furthermore the biodiversity's protection as well as the existing rich landscape are fundamental premises to be contemplated in the master plan. Having understood the topographical characteristics of the area, a starting point for the design is established, it being a longitudinal central axis in the form of a boulevard that goes through the town from south to north, followed by three transversal biotic axes originated from a green natural belt at the foot of the mountain and 'irrigated' through out the urban intervention. This mentioned architectural elements provide cohesion between the artificial doing of human beings and the natural richness of such marvelous tropical forest.

For further information

**Máster d'Arquitectura del Paisatge -DUOT - UPC**

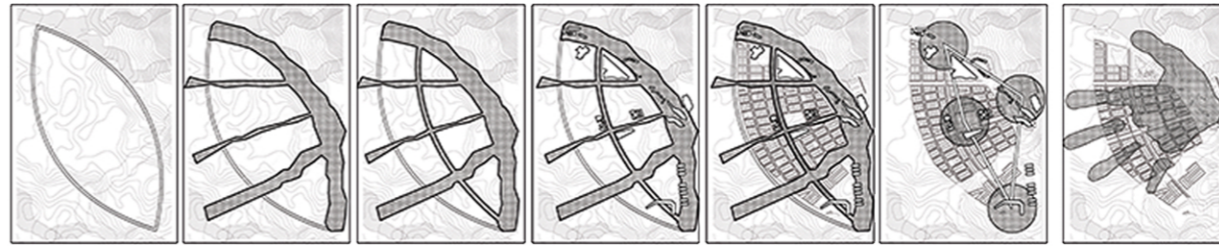
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Consult the web page <http://landscape.coac.net/>



LOCALIZATION



SCHEMES

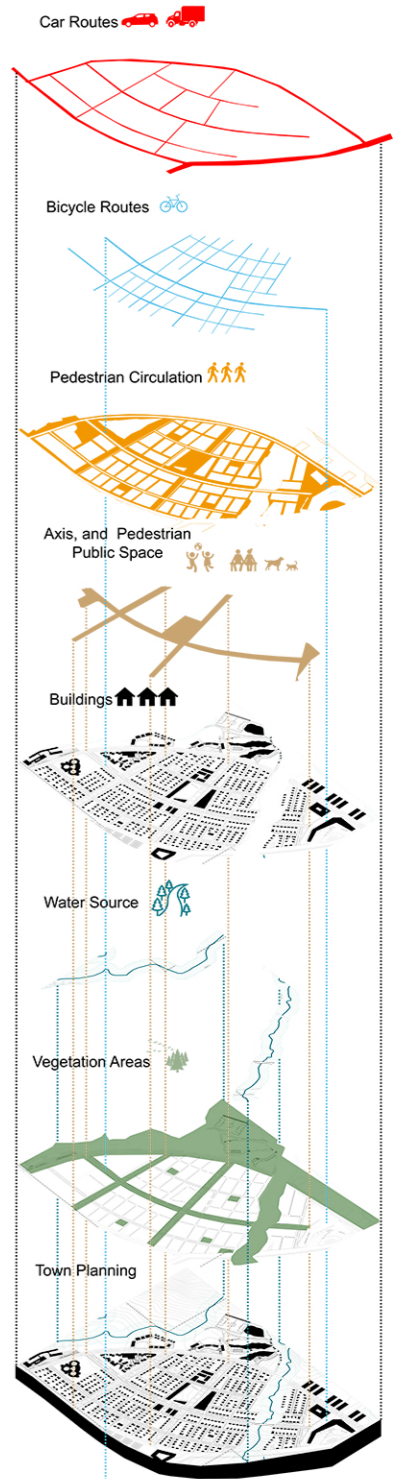
The project is conceived as a hand in which his fingers are the main axes of natural connection. At the same time it is crossed by other transversal axes that act as city connectors



PERSPECTIVE



URBAN FORESTRY

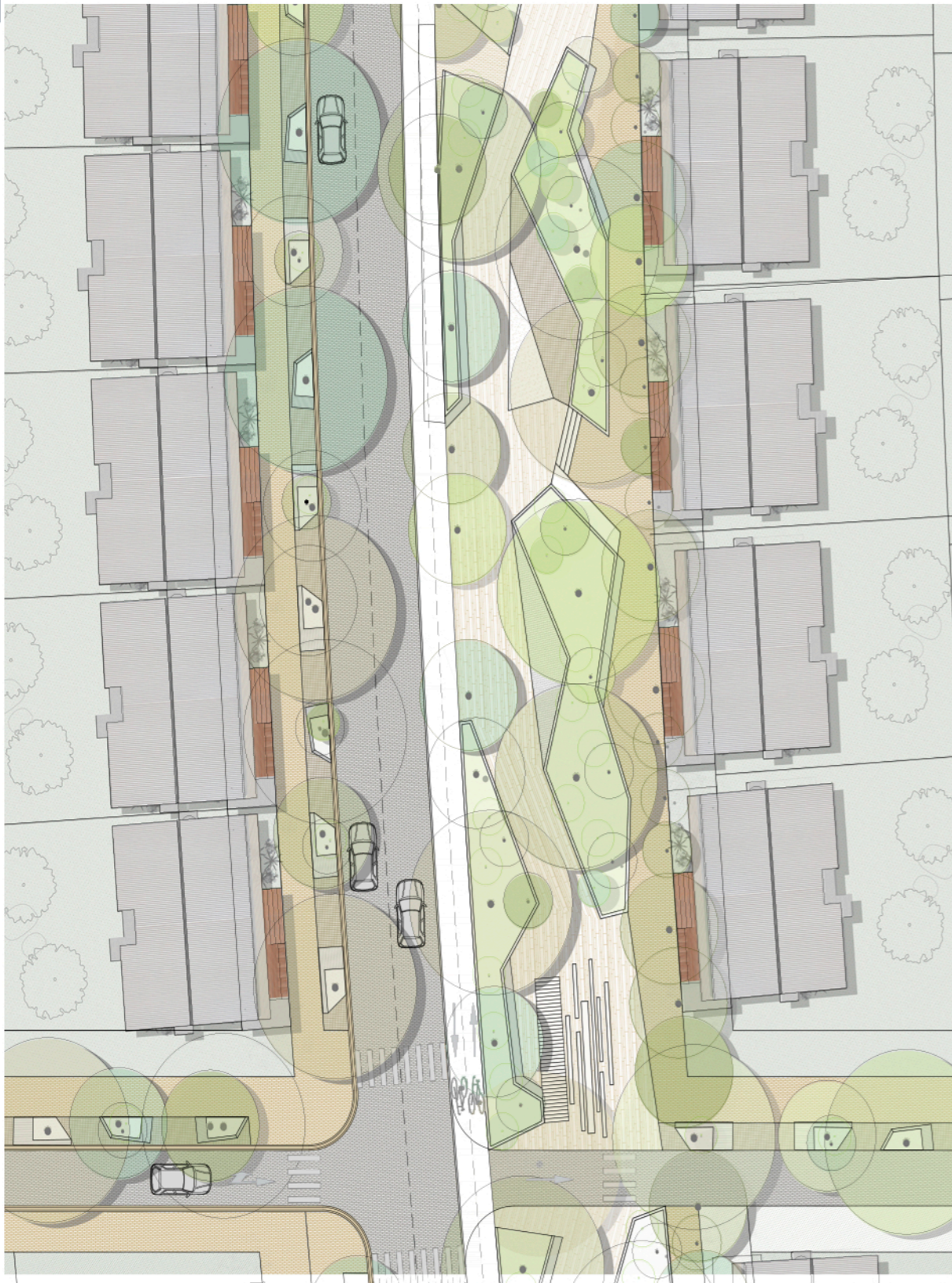


ISOMETRIC



PERSPECTIVE

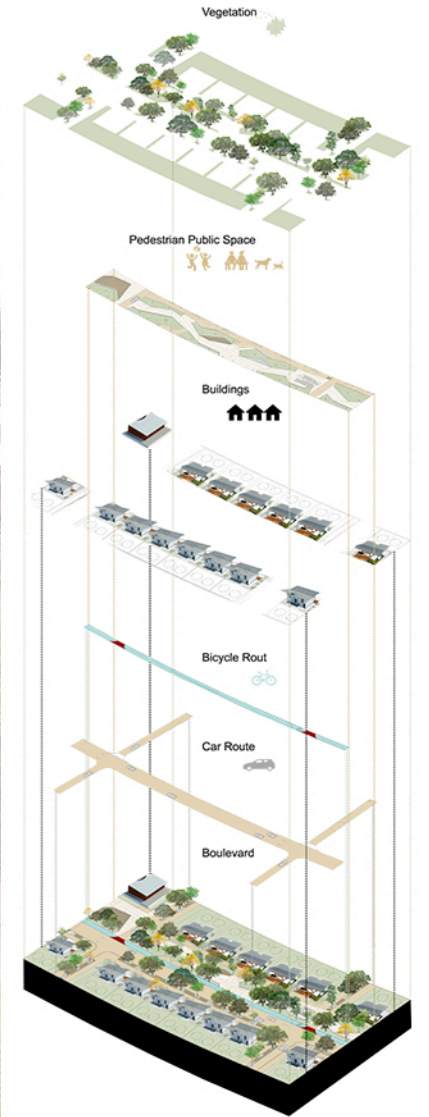




BOULEVARD'S PLAN



BOULEVARD'S PERSPECTIVE



ISOMETRIC



PACÓ  
(*Cespedesia spathulata* -  
Ocnáceas)



HOBO  
(*Spondias mombin* -  
Anacardiáceas)



YARUMO  
(*Cecropia Peltata*)



PALMERA  
(*socratea exorrhiza*)



ACHIOTE  
(*Bixa orellana* - Bixáceas)

The boulevard is conceived as the main axis of connection in the municipality, which crosses the territory longitudinally. Being one of the most important public spaces within the urban network, it contains a diversity of public spaces designed for recreation and pedestrian priority connections. For this, the use of native vegetation in the area is used and they provide as much shade as possible over each of the proposed spaces and in turn to the living rooms that have the façade facing the setting sun to avoid direct light.

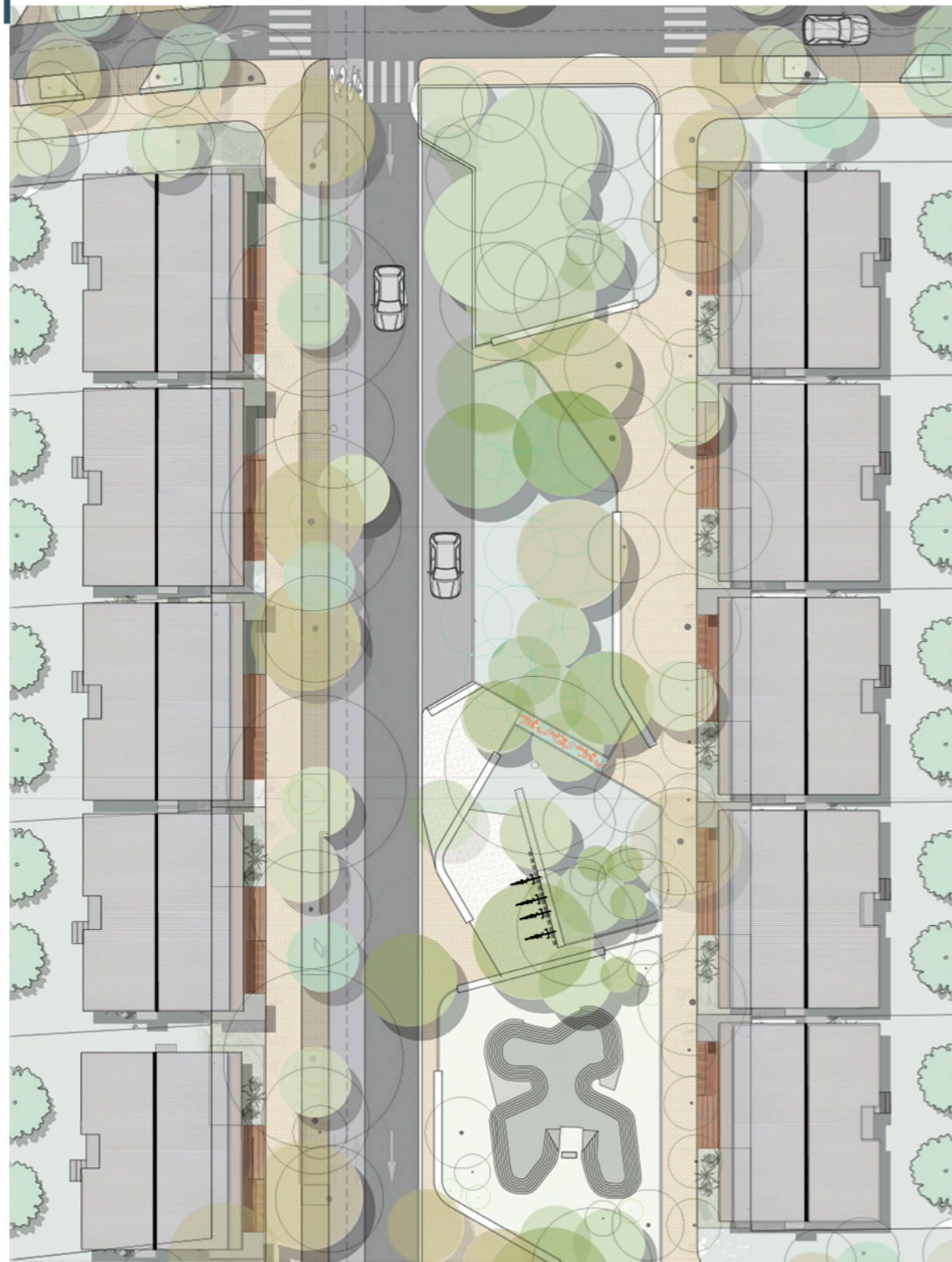


SECTION



URBAN FORESTRY

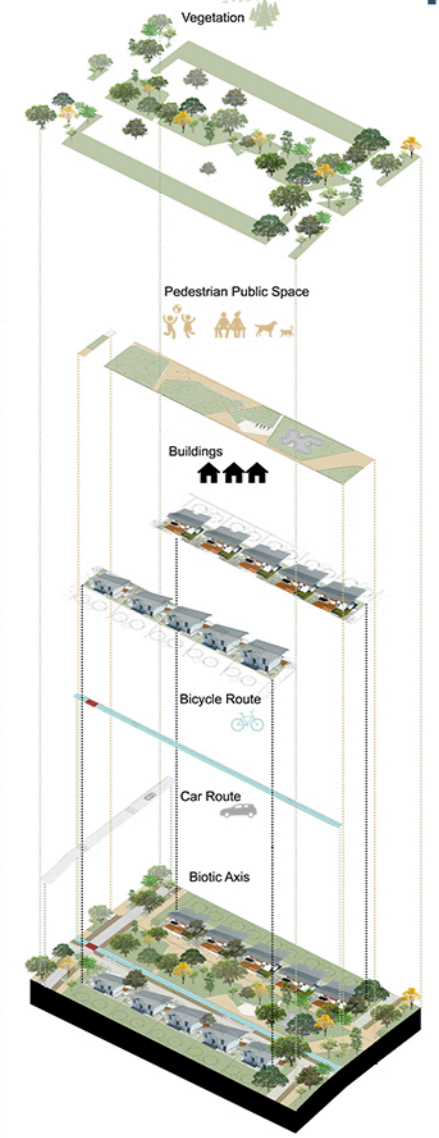




BIOTIC AXIS PLAN



PERSPECTIVE



ISOMETRIC



PACÓ  
(*Cespedesia spathulata* - Ocnáceas)



BALSO  
(*Ochroma pyramidale*)



HOBO  
(*Spondias mombin* - Anacardiáceas)



CEIBA  
(*Ceiba pentandra* - Malváceas/Bombacóideas)



CHOIBÁ  
(*Dipteryx oleifera* - Fabáceas/Fabóideas)



SECTION



URBAN FORESTRY

For the design of the biotic axes, we start from the idea of creating axes which serve as a step for the fauna that has presence in the area. Having this clear, a proposal is developed with lots of vegetation and soft-use floors, which in turn form part of the public space proposed for recreation. The priority is the use of plant species which are native to the area and in turn encourage the free transit and permanence of different animal species, such as birds, small mammals, etc. The development of mixed-use dwellings is encouraged in which they help to promote trade in these sectors of the municipality

