FACTS
The site is located in Tetouan city, between the old medina of the XVth century and the new town. The medina has been built on the shape of the site’s topography (slope of +11%). The main street is considered as very tiring for the local population to cross every day. It is an attractive street for informal merchants, it becomes a market where merchants sell their goods. Due to its topography, the site flooded when it’s hardly raining, it becomes more a river that makes the street unreachable. Those are the facts that we tried to solve in our proposal.

CONTEXT

TIRING TOPOGRAPHY

Creating water collection areas will reduce the flooding and the water collected could be used for watering the plants or cleaning the market at the end of the day.

FLOoding DUE TO HEAVY RAINs

CREATING WATER STOPS AND COLLECTION

We tried to make more lighter slopes and we created sort of small public spaces that could be used as a rest stop (every 50 m) in which little activities could be injected like play tables, ...

REST STOPS

We generated new public spaces. We used also a disinfected natural green zone (water stagnation zone) as a zone for urban agriculture to make social development (create new jobs) in this area.

PUBLIC SPACES

PUBLIC SPACE

(HREST STOPS)

GENERAL VIEW OF THE SITE

Existing market
Public square
Green spaces
Urban agriculture

Project proposal can be generalized across the medina of Tetouan. It will create a new maillage for the old town.

ACTUAL DATA

PROJECT GOALS

Commercial activities
Pedestrian circulation
Visual connection
Urban agriculture
Human interaction
Leisure
Sunlight
Green spaces
Rainwater storage

Use of Local Materials
Stones from the region mixed with concrete

Restitution and Preservation of heritage buildings

Public space above the market
Panoramic view on the city

Protection building’s foundations

Rain water collector: the principal collector play the role of a distributor of the water based on needs of the neighborhood, watering plants, cleaning the streets, ...

Urban agriculture

The biggest part of water collected could be used for agriculture.

Diagram

Section 01
Section 02

20.00 m
40.00 m
60.00 m
80.00 m
100.00 m
110.00 m

1 KM DISTANCE

11.00 m
12.00 m
13.00 m
14.00 m
15.00 m
16.00 m
17.00 m
18.00 m
19.00 m
20.00 m

Commercial activities
Pedestrian circulation
Visual connection
Urban agriculture
Human interaction
Leisure
Sunlight
Green spaces
Rainwater storage

URBAN MICRO SUTURE
TO GENERATE A NEW DEVELOPMENT OF THE OLD MEDINA OF TETOUAN, MOROCCO