

BETWEEN WATER & STONE
WEEK 3 SCALE
GROUP 1

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MARIA ALFONSINA ROSAS CHIMAL
YITENG CHONG



AVENUE + AQUATIC

MARINA + URBAN + PROMENADE + WATERSCAPE
BETWEEN WATER & STONE
BOCAGRANDE, CARTAGENA, COLOMBIA



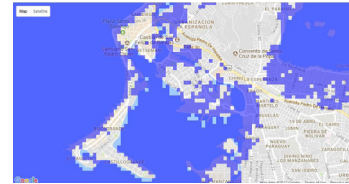
RISING SEA LEVELS & FLASH FLOODS.

Cartagena city sea level projection maps

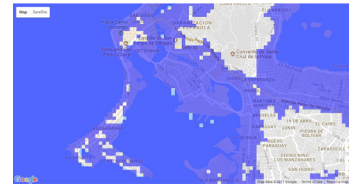
0 m



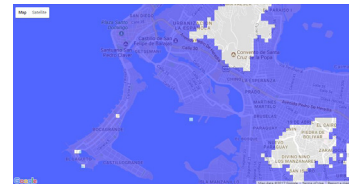
5 m



10 m



20 m





ARCHITECTURE

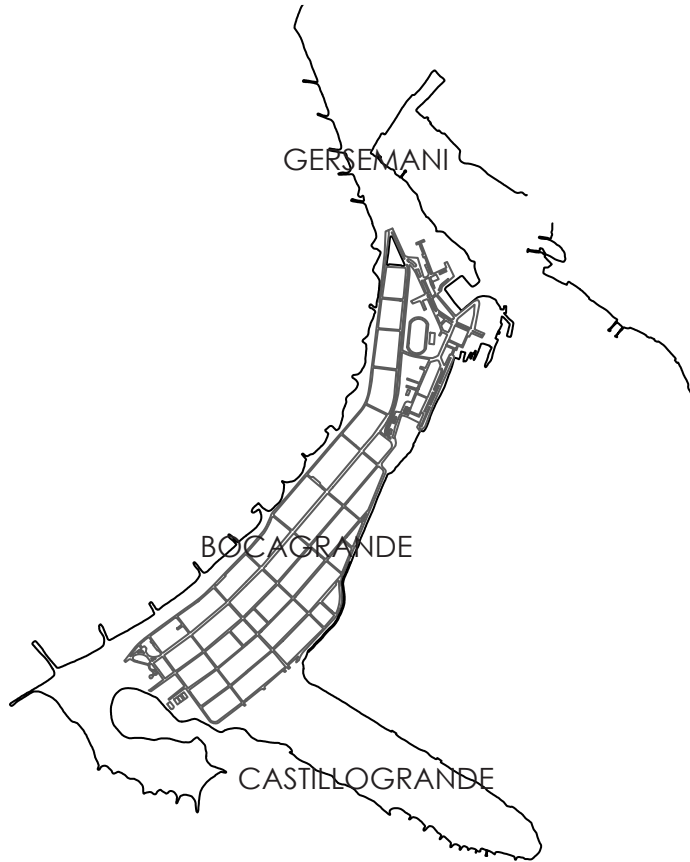


URBAN

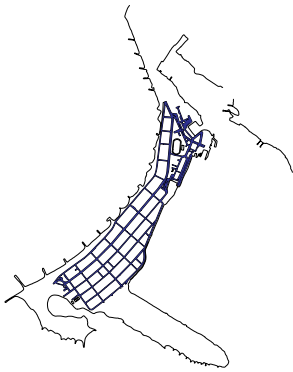


TERRITORIAL

EXISTING CONTEXT



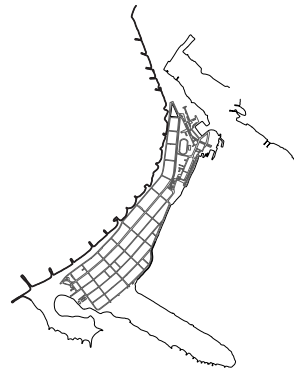
EXISTING CONTEXT



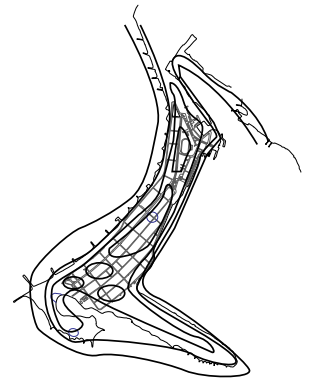
LIMITED WATER
SURFACE RUN-OFF



FEW PERMEABLE
GREEN SURFACES



SEA WALL AS
TEMPORARY
SOLUTION FOR SHORE
PROTECTION



EXISTING SITE
CONTOUR

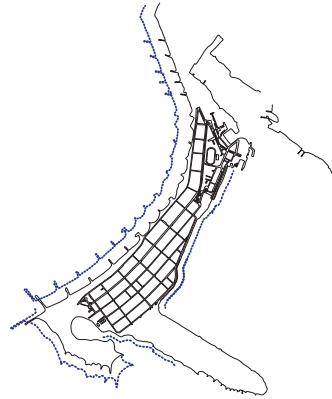
STRATEGIES FOR AVENUES + AQUATICS



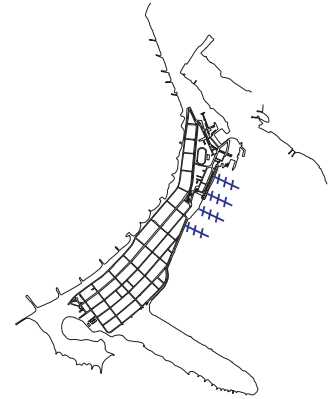
WATERSCAPES AND
BOULEVARDS OF GREEN



INCREASE GREEN
SURFACE FOR
PERMEABILITIES

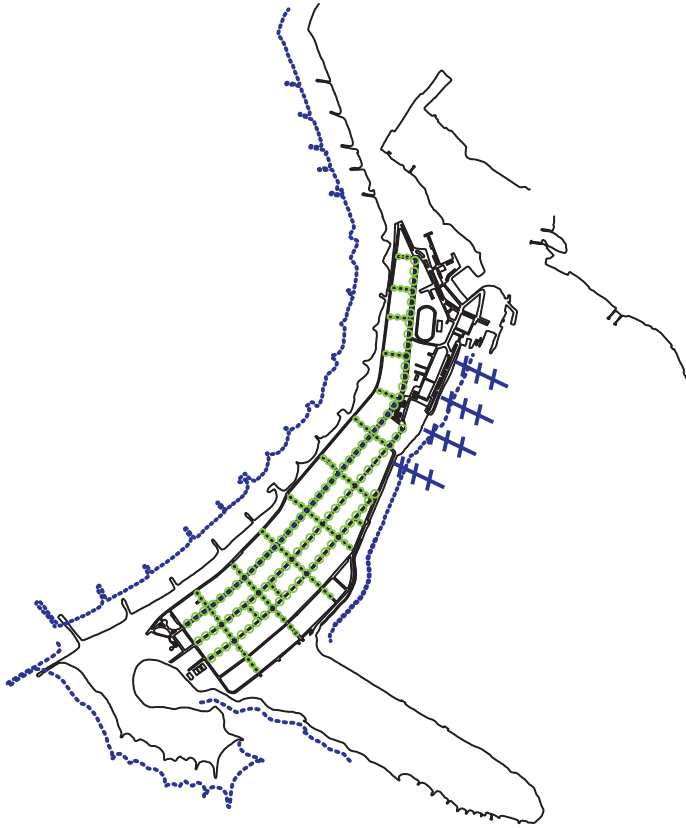


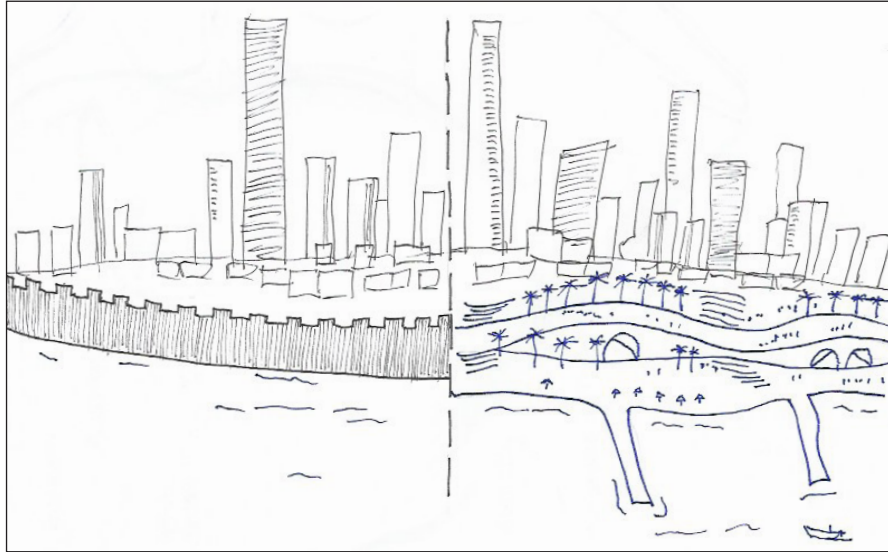
EXTENDED SHORE
NOURISHMENT &
PROTECTION



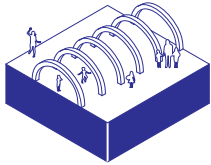
INTRODUCE
MARINA BAY

STRATEGIES FOR AVENUES + AQUATICS

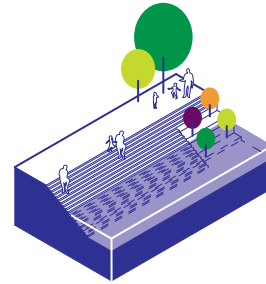




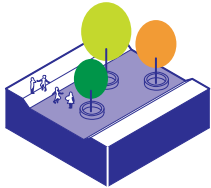
Waterscape typologies



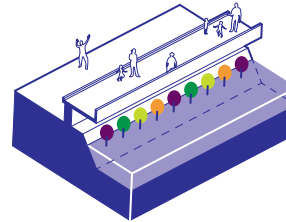
WATER MIST
RINGS
SLOPE



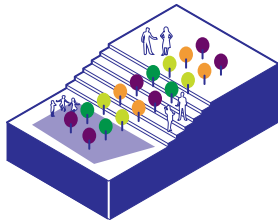
AQUATIC
GRADIENT
MARINA



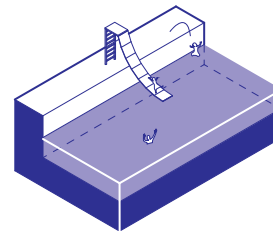
THE FLAT
DRAIN
SLOPE



THE CANTILEVER
BRIDGE
MARINA

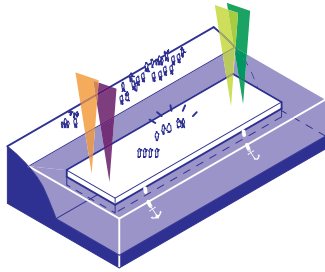


MINI-TREES
TERRITORY
SLOPE

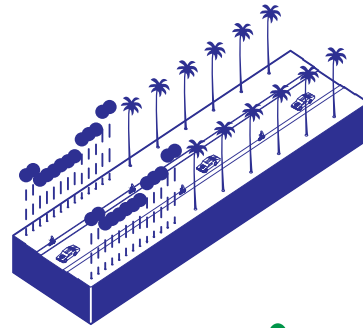


CHILDISH
SLOPE
BEACH

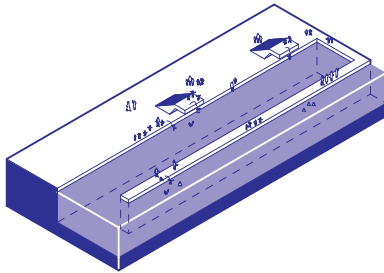
Waterscape typologies



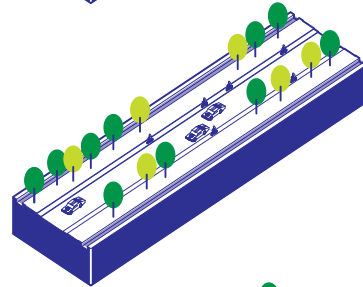
THE FLOATING
ANCHOR
BEACH



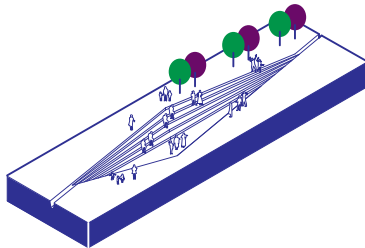
TALLER
BOULEVARD
STREET



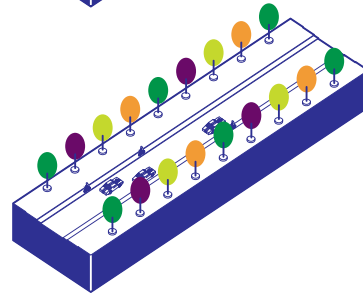
JUMP
DOWN!
BEACH



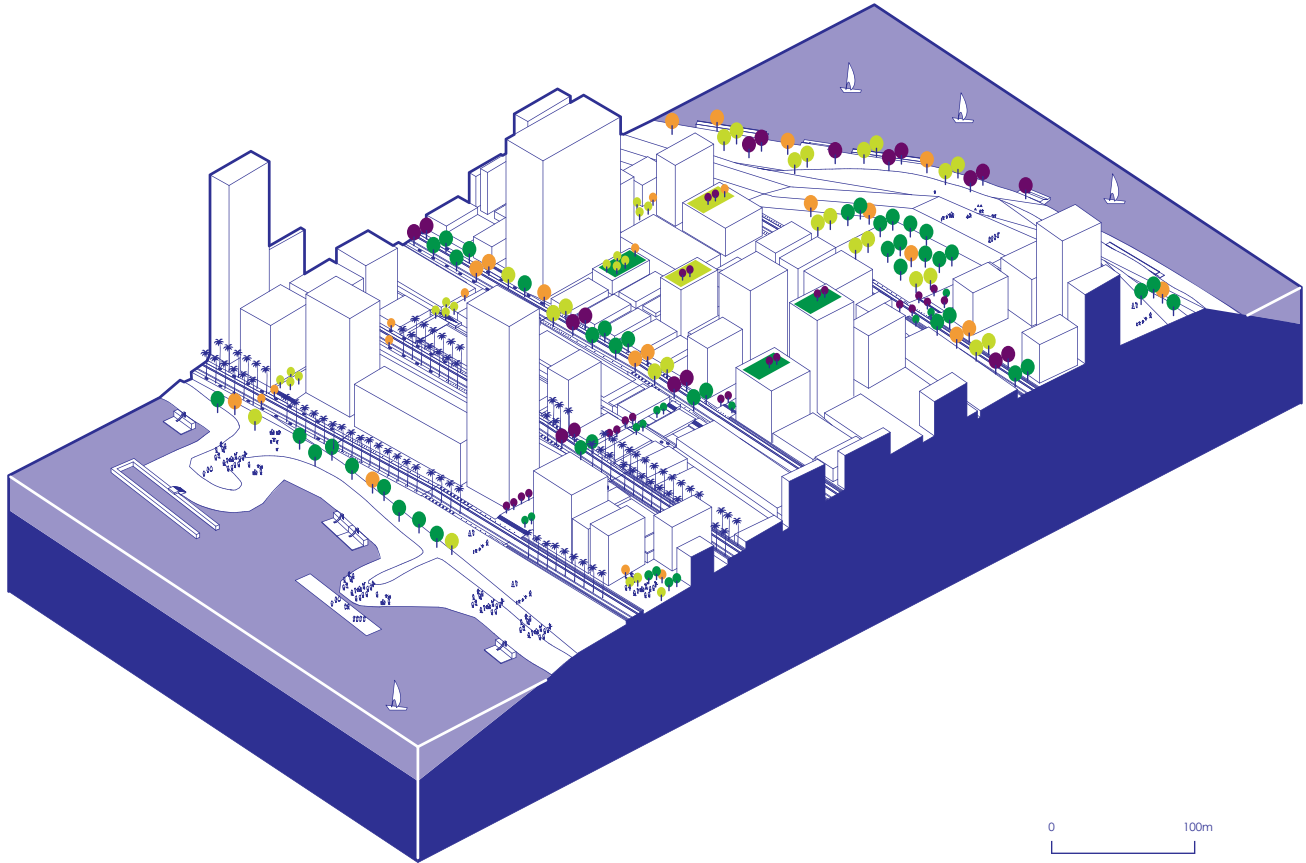
RIVERING
BOULEVARD
STREET



THEATRE &
BASIN
SLOPE

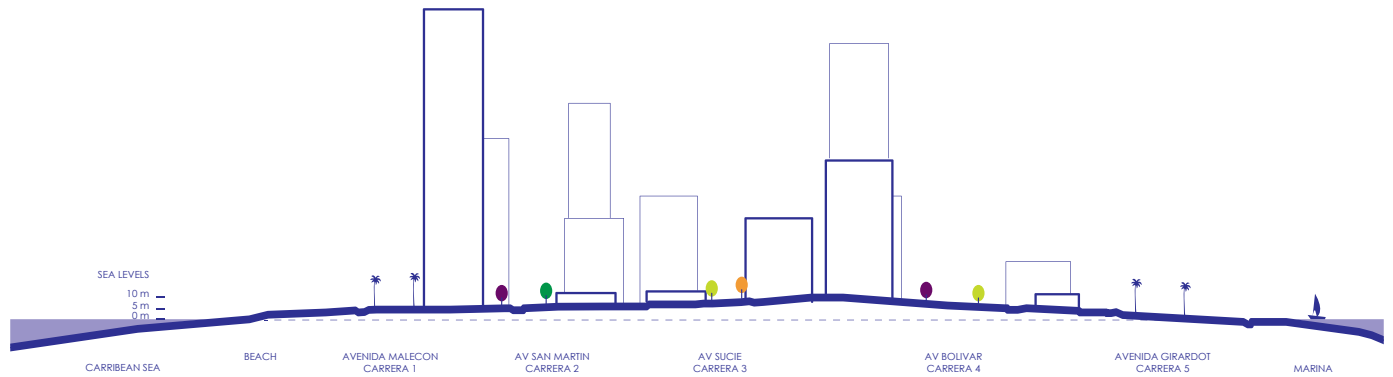


TROPICANA
BOULEVARD
STREET



0 100m

BOCAGRANDE SECTIONAL AXONOMETRIC





aq.

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MARINA + URBAN + PROMENADE + WATERSCAPE
BETWEEN WATER & STONE
BOCAGRANDE, CARTAGENA, COLOMBIA

BETWEEN WATER & STONE
ENTRE EL AGUA Y LA PIEDRA

31ST INTERNATIONAL ARCHITECTURE WORKSHOP CARTAGENA, COLOMBIA.
31 TALLER INTERNACIONAL DE ARQUITECTURA DE CARTAGENA, COLOMBIA.
1-22 JULY 2017