

Rehabilitación borde urbano

“Parque quebrada Los Placeres, Valparaíso”

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María de los Ángeles Ferrada W.
Profesor Investigación

Gerardo Valle y Diego Danyan
Profesor Taller Integrado de titulación

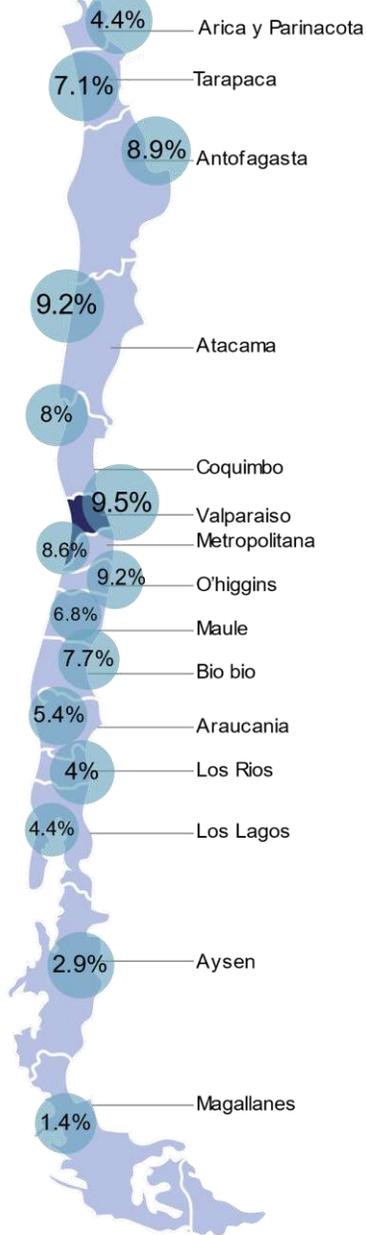
Gerardo Valle
Profesor Proyecto de título

Objetivos Generales

Planificar un parque urbano en el marco del enfoque del corredor verde en la quebrada Los Placeres, enfrentando el desarrollo de la ciudad con actitud sustentable, contribuir a la expresión y activación de las estructuras ambientales existentes en la ciudad. Revirtiendo la condición residual de la quebrada, recuperándola por medio de prácticas ecológicas y espacios comunitarios.



Porcentaje de desastres según región

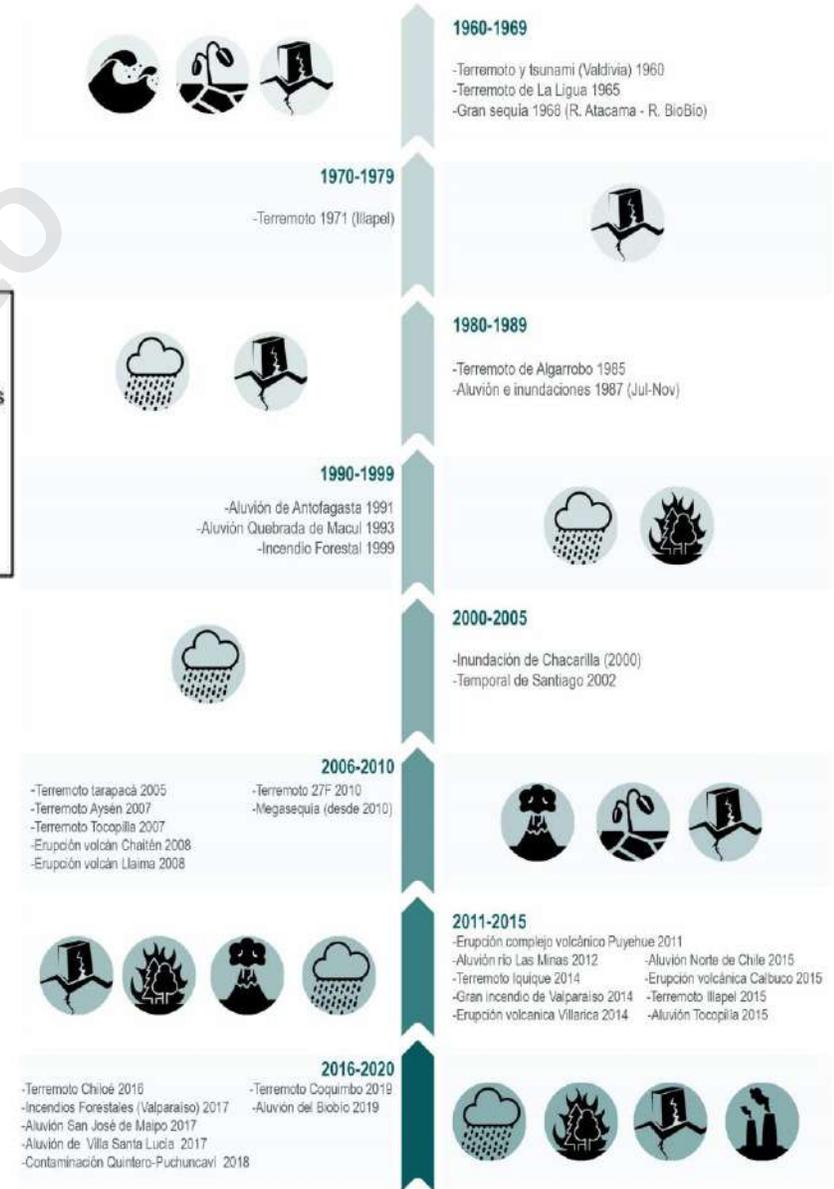


Desastres naturales



Regiones	Catastrofes							Cant. desastres
Arica y Parinacota	12	1	2					15 desastres
Tarapaca	20	1	1	2				24 desastres
Antofagasta	24		2	4				30 desastres
Atacama	20	1	4		1	4	1	31 desastres
Coquimbo	13	1	8			3	2	27 desastres
Valparaíso	16	1	5		4	3	3	32 desastres
Metropolitana	12		8	3		3	3	29 desastres
O'higgins	7		6	1		2	15	31 desastres
Maule	11	1	6	2		2		22 desastres
Ñuble	5			1		2	2	10 desastres
Bio bio	13	1	7	3		2		26 desastres
Araucanía	7		5	4		1		17 desastres
Los Ríos	3	1	2	3	1	1		11 desastres
Los Lagos	4	1	3	5	1	1		15 desastres
Aysen	4	1	2	2			1	10 desastres
Magallanes	3	1		1				5 desastres

- Terremotos
- Tsunamis
- Inundaciones
- Erupciones
- Incendios
- Sequias
- Avalanchas



CANT. QUEBRADAS



40 quebradas en total.

CANT. HABITANTES



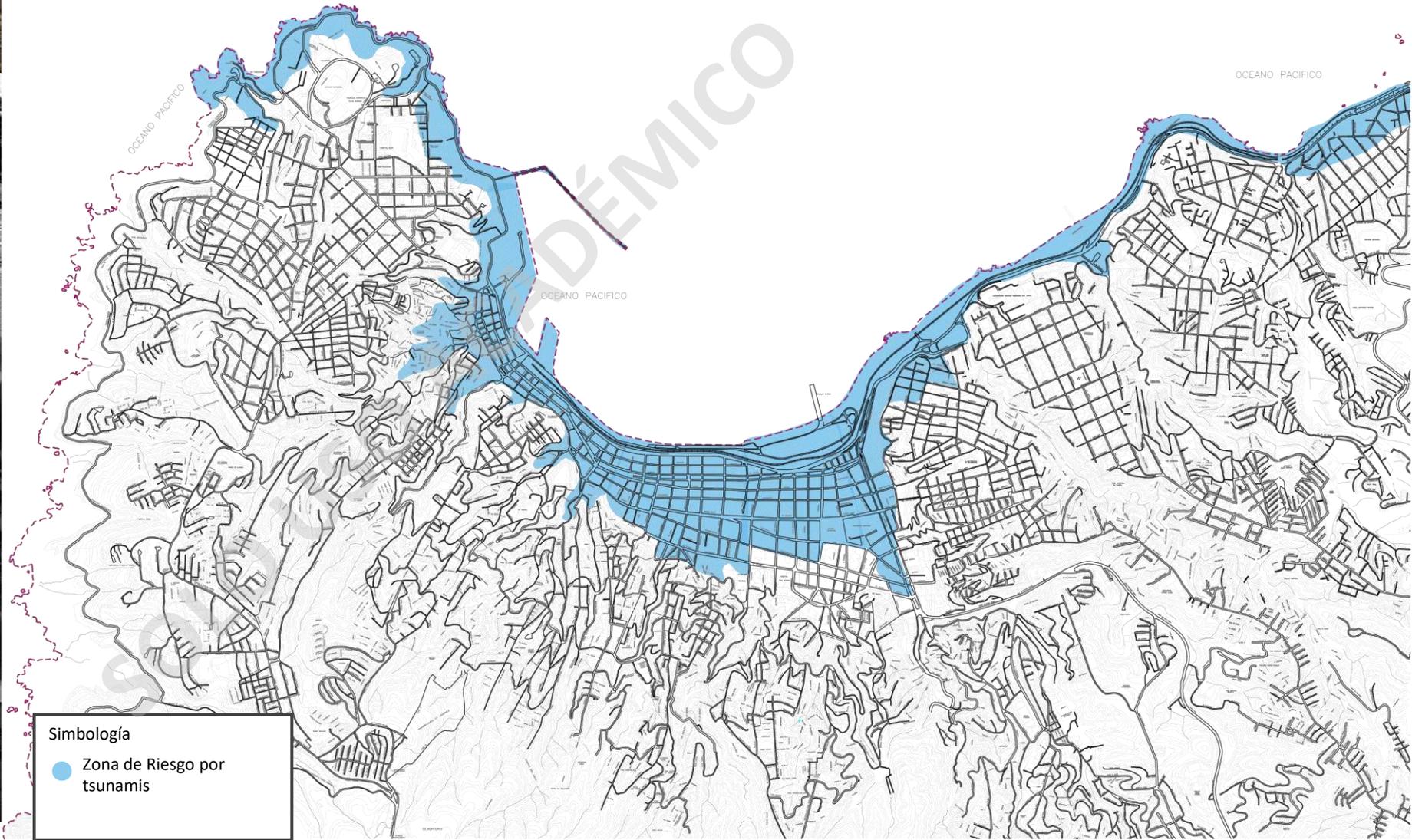
1.815.902
Habitantes.

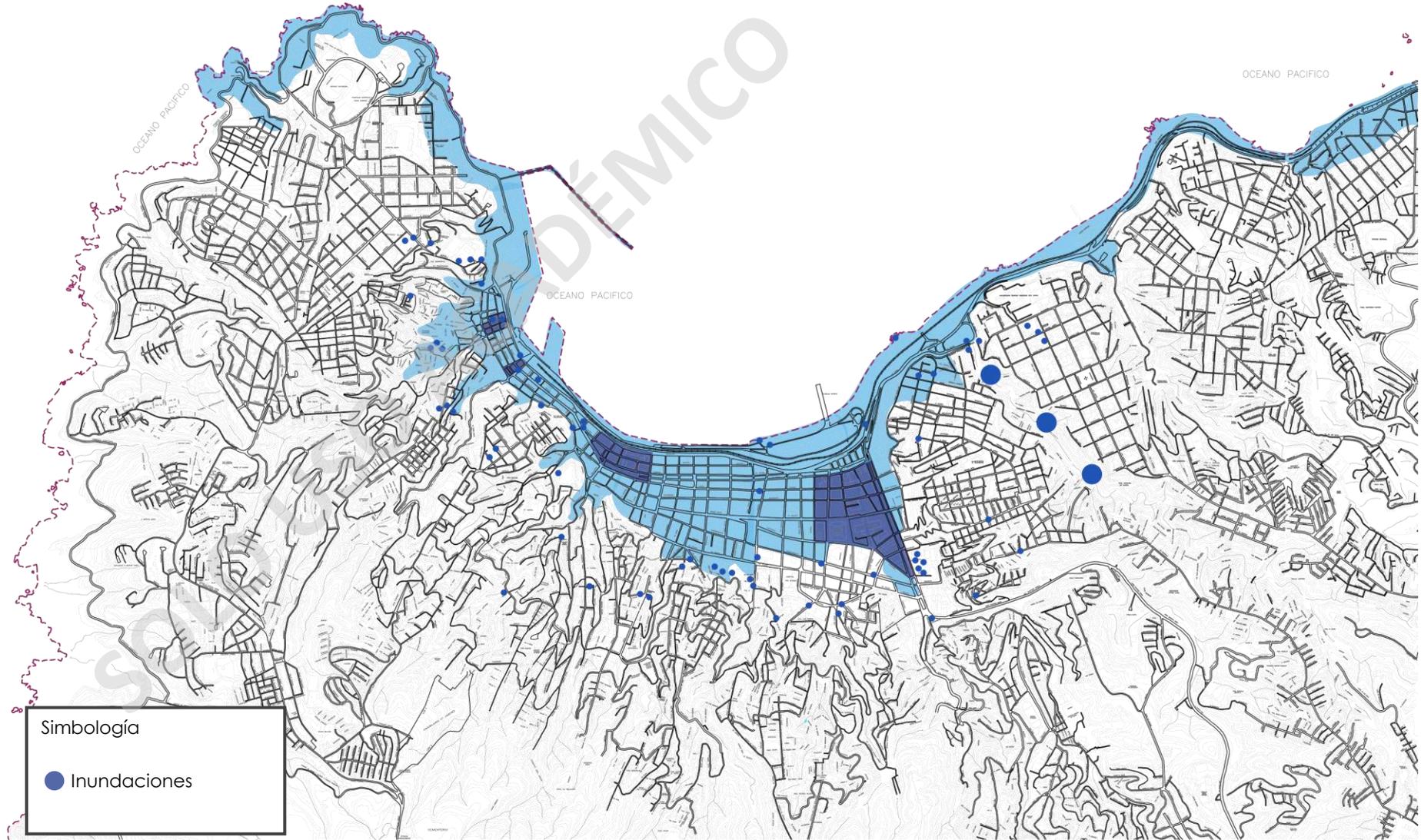
**DESASTRES
NATURALES**



**DESASTRES
ANTROPICOS**

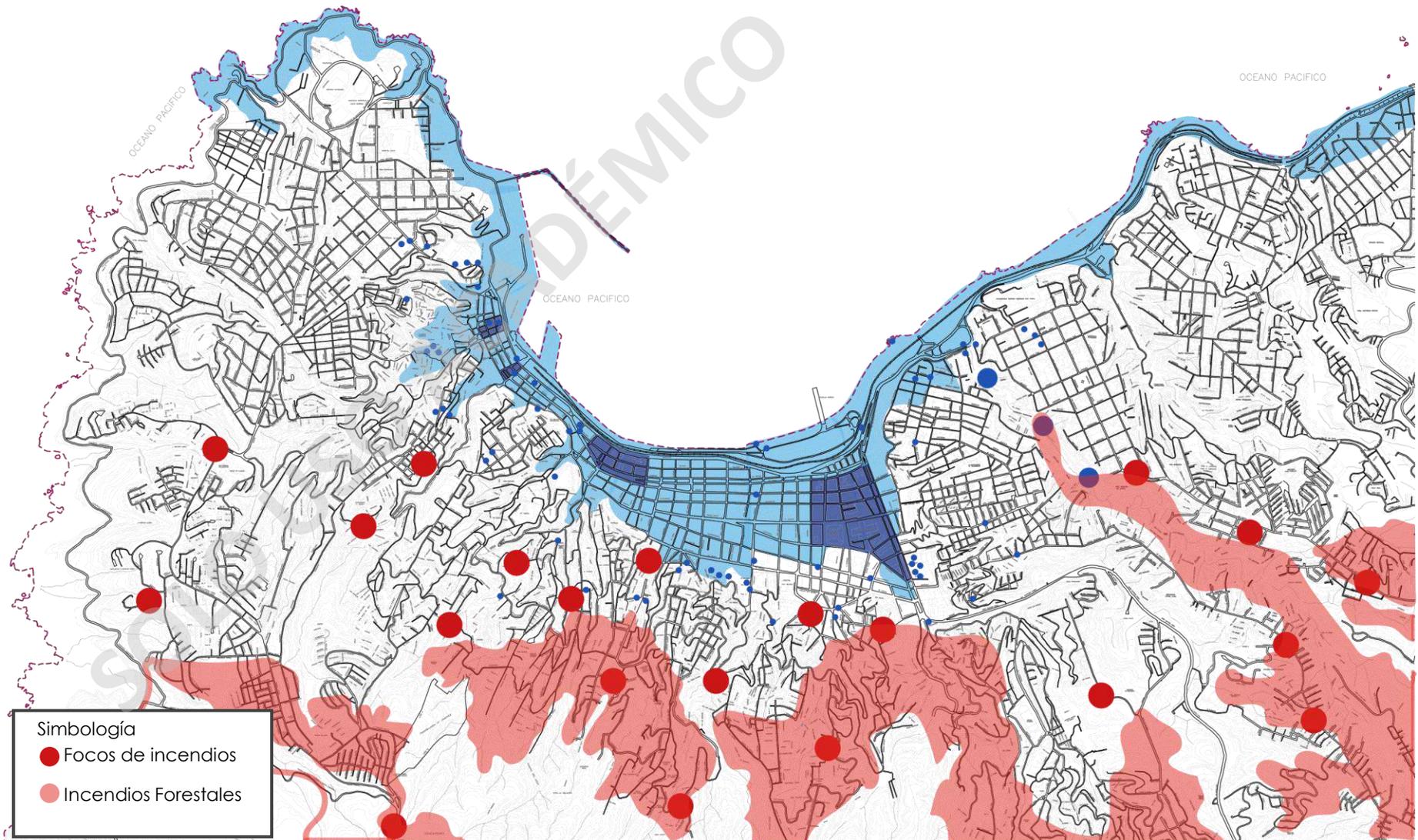




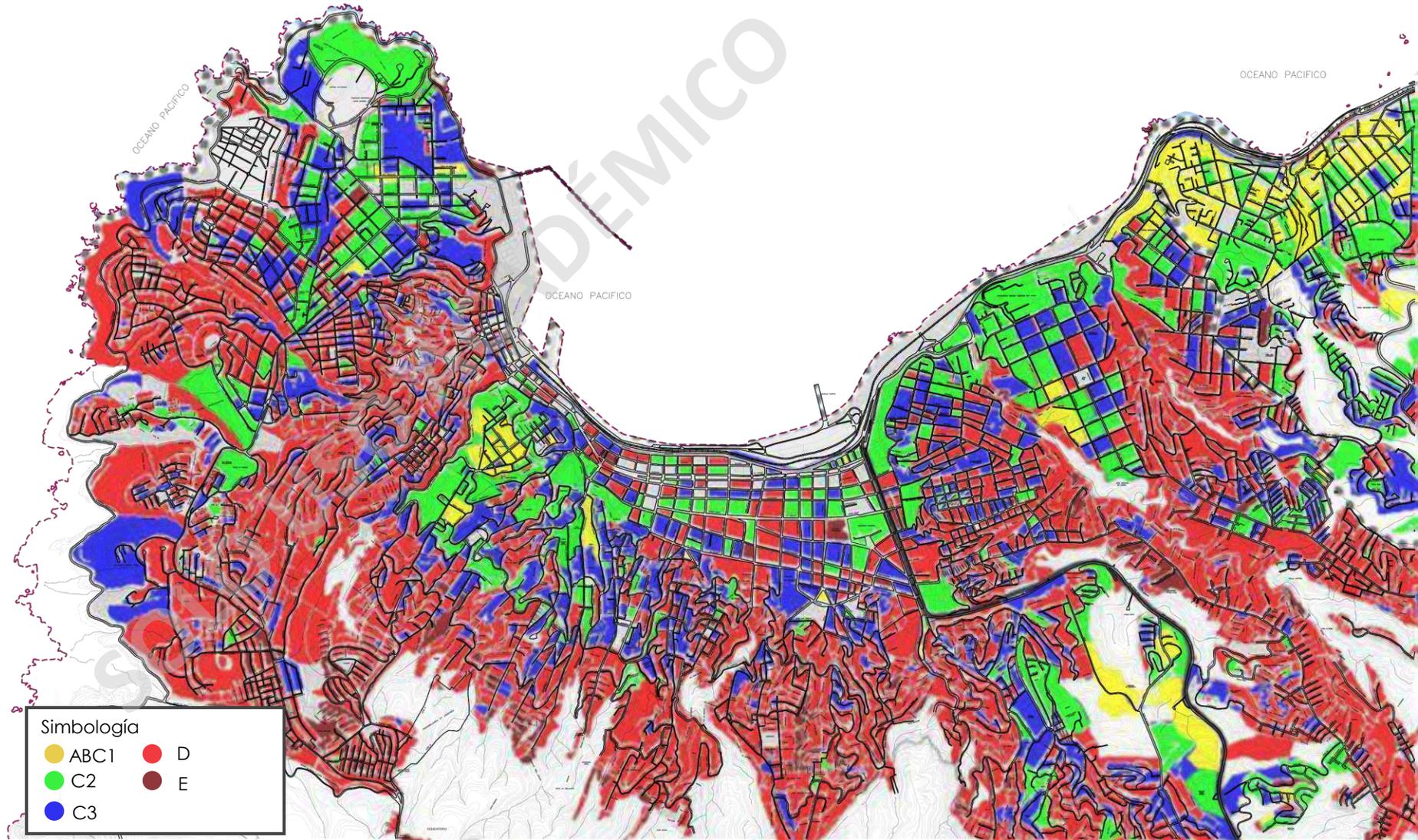


Simbología

- Inundaciones



Simbología
● Focos de incendios
● Incendios Forestales

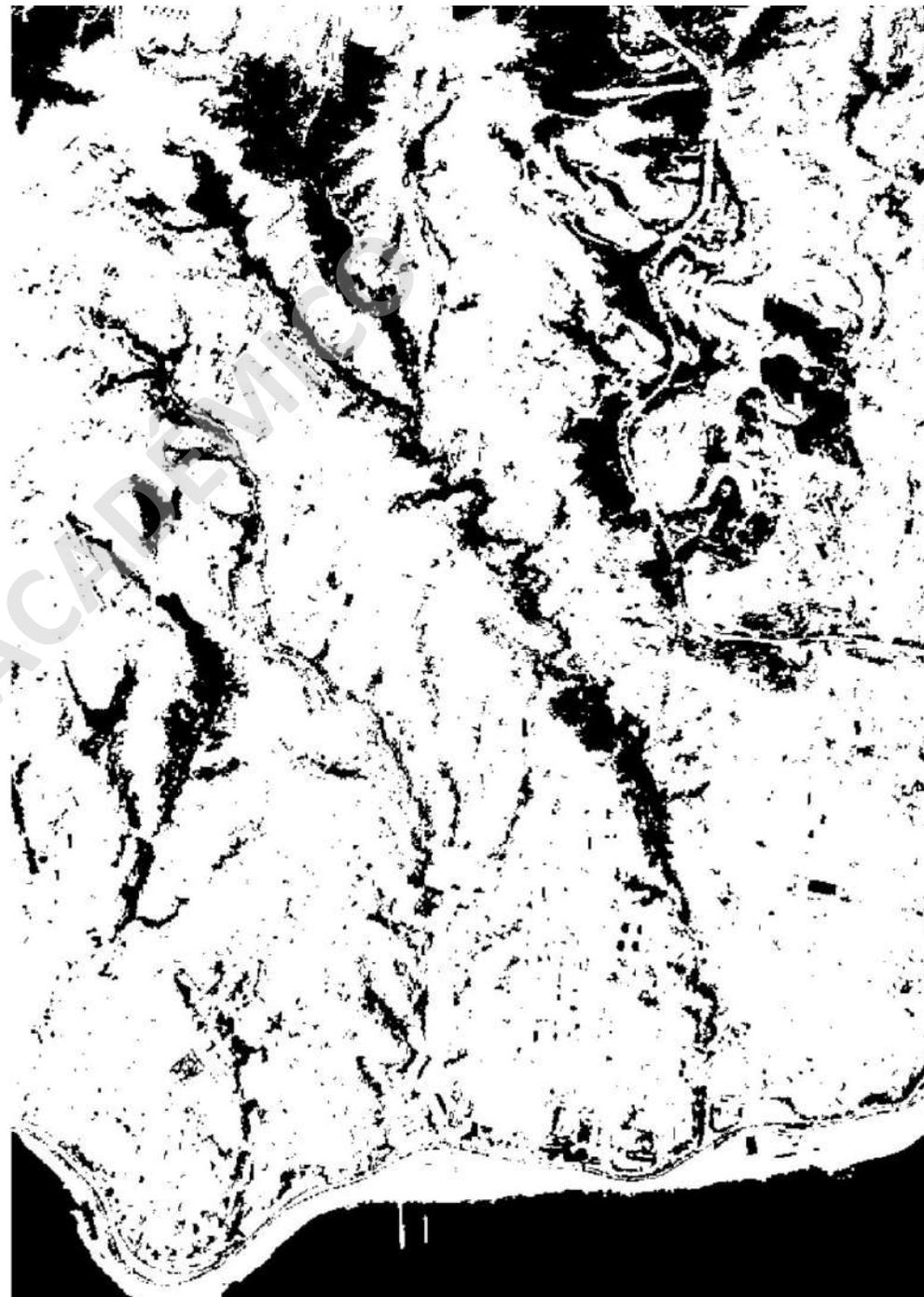


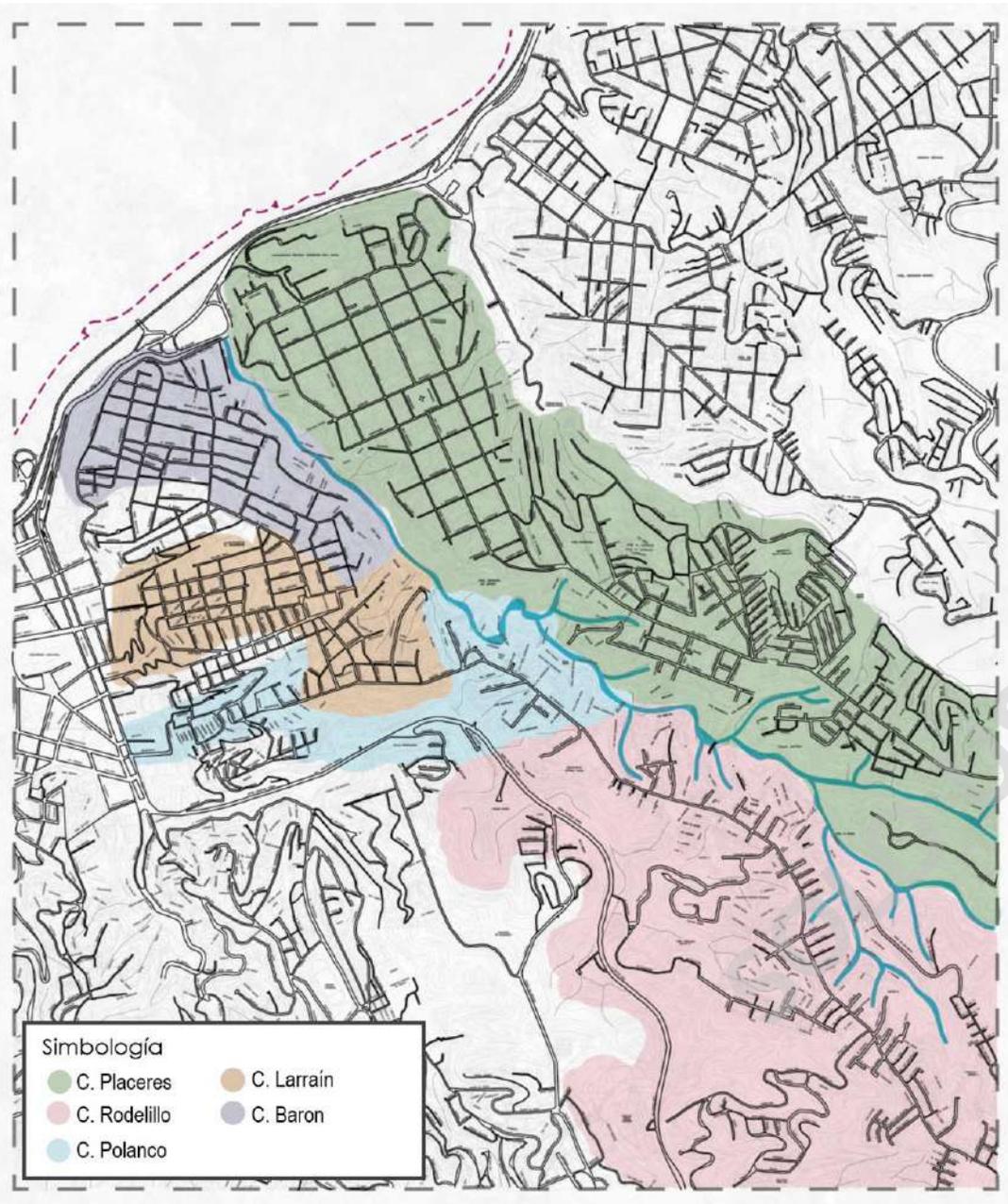


2003

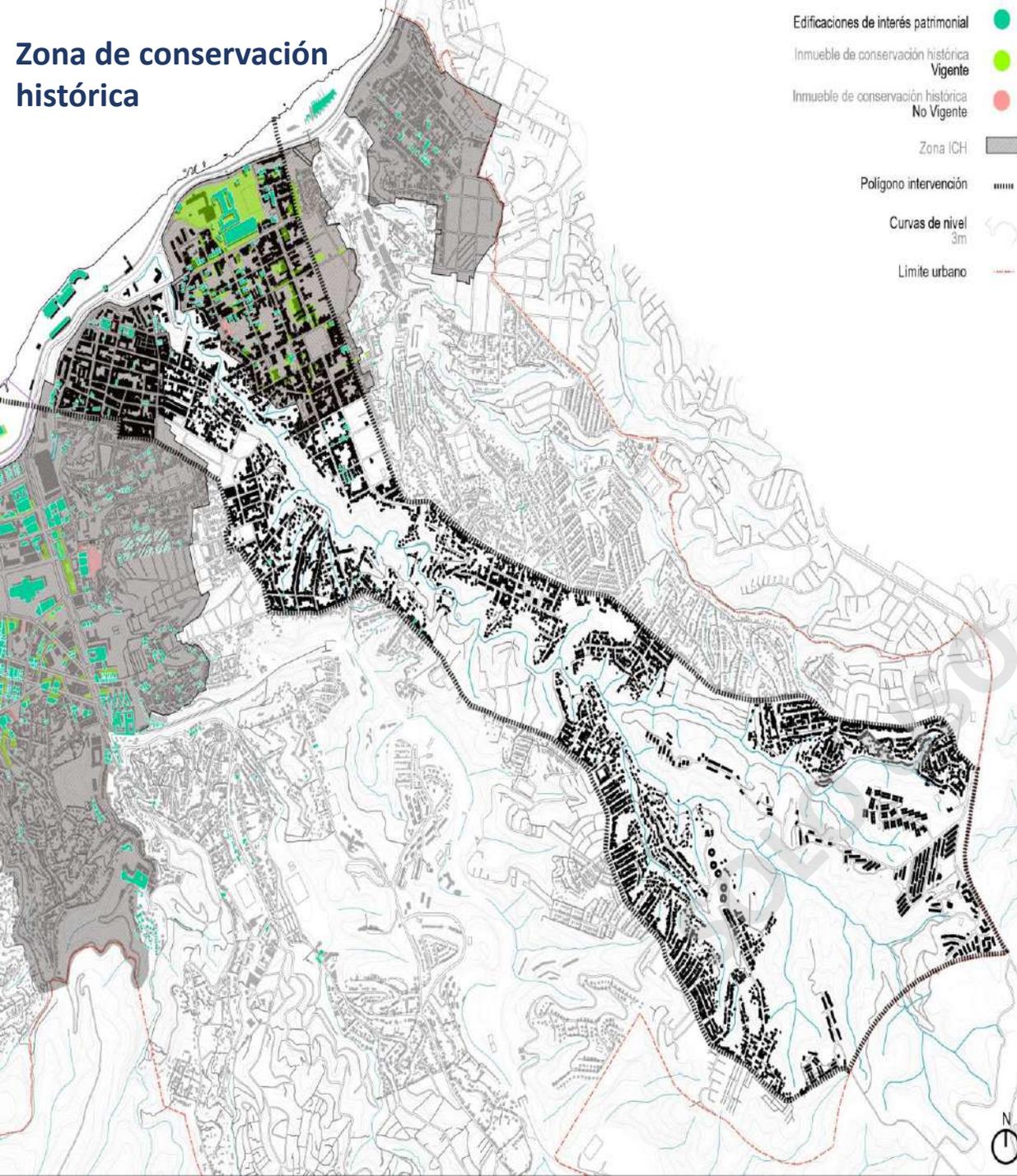


2022

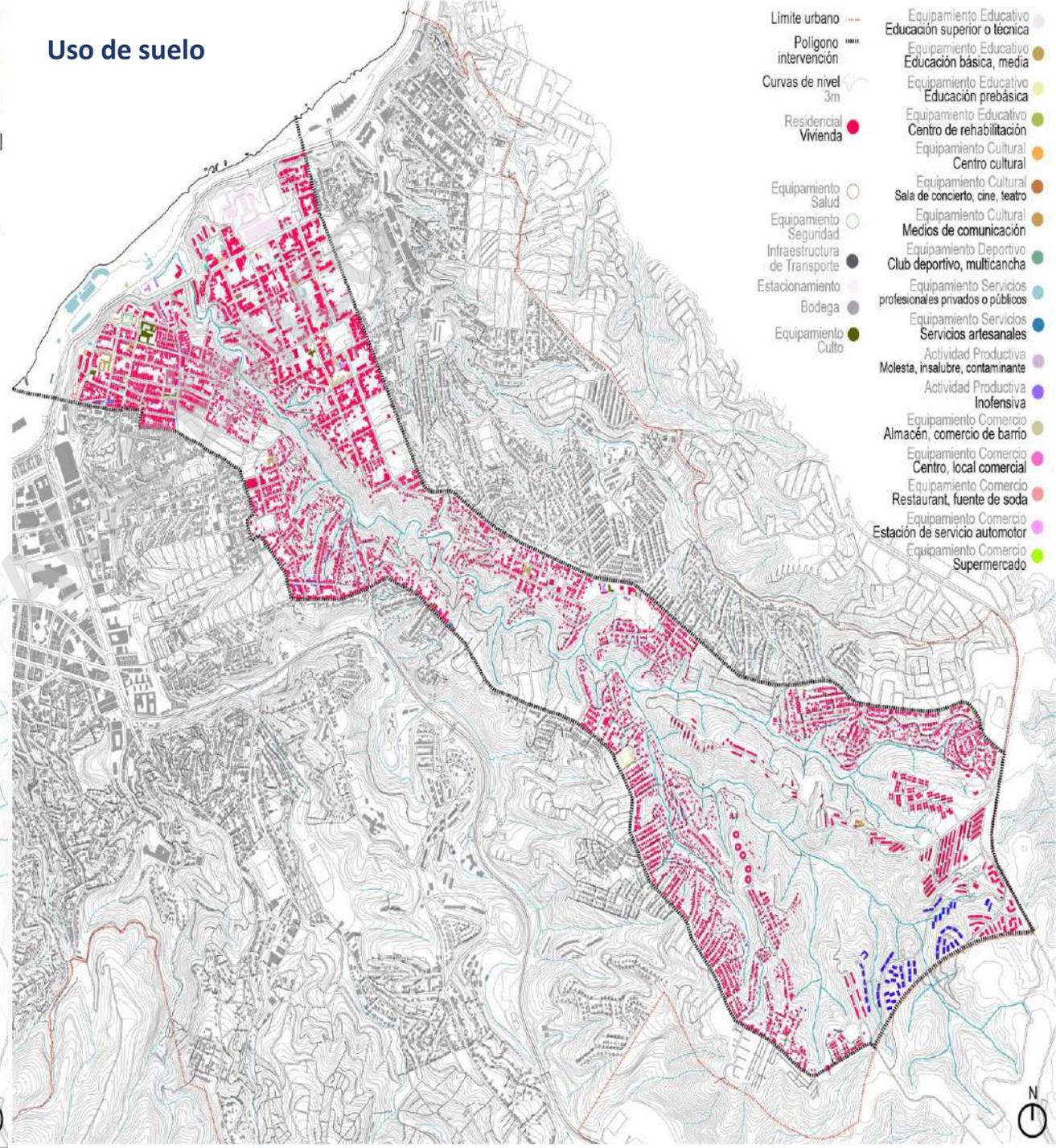




Zona de conservación histórica



Uso de suelo



Aves



Perdiz Chilena
Nathoprocta Perdicana



Tenca
Mimus Thenca



Diuca
Diuca Diuca



Loica
Sturnella Loyca



Chirihue
Sicalis Luteola



Picaflor gigante
Patagona Gigas



Pequén
Athene Cunicularia



Aguila chilena
Geranoaetus Melanoleucus



Peuco
Parabuteo unicinctus



Tiuque
Milvago Chimango



Queltehue
Vanellus Chilensis



Comesebo
Pygarrychas Abogularis



Rayadito
Apharastura Spinicauda



Pato real
Anas Sibilatrix



Garza cuca
Ardea Cocoi



Garzan grande
Camerodius Alba

Reptiles



Culebra de cola larga
Philodryas Chamissonis



Iguana Chilena
Callisotes Palluma



Lagarto nitido
Lioleemus nitidus



Lagatija esbelta
Lioleemus teuis

Mamíferos



Cururo
Spalacopus Cyanus



Degú
Octodon Degus



Conejo
Oryctolagus Cuniculus



Zorro culpeo
Lycalopex Culpaeus





Patrimonio
Urbano
Arquitectónico



Bosque
esclerófilo



Huertos
Urbanos



Corredor
Ecológico



Patrimonio
natural



Microbasurales



Incendios



Segregación
Socio espacial



Déficit de
Áreas verdes
movilidad.



Accesibilidad y
movilidad.



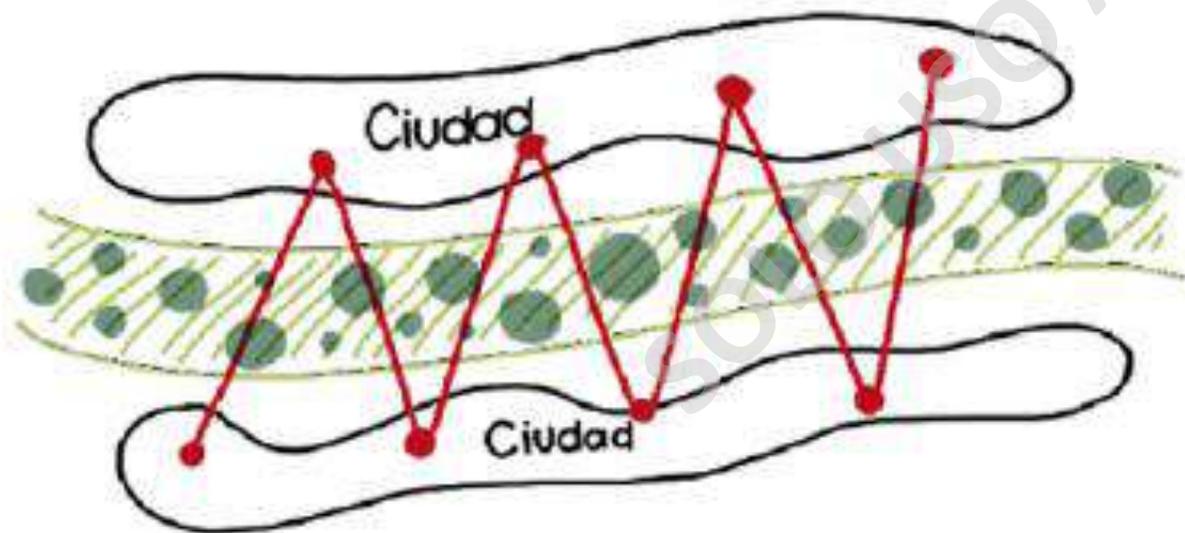
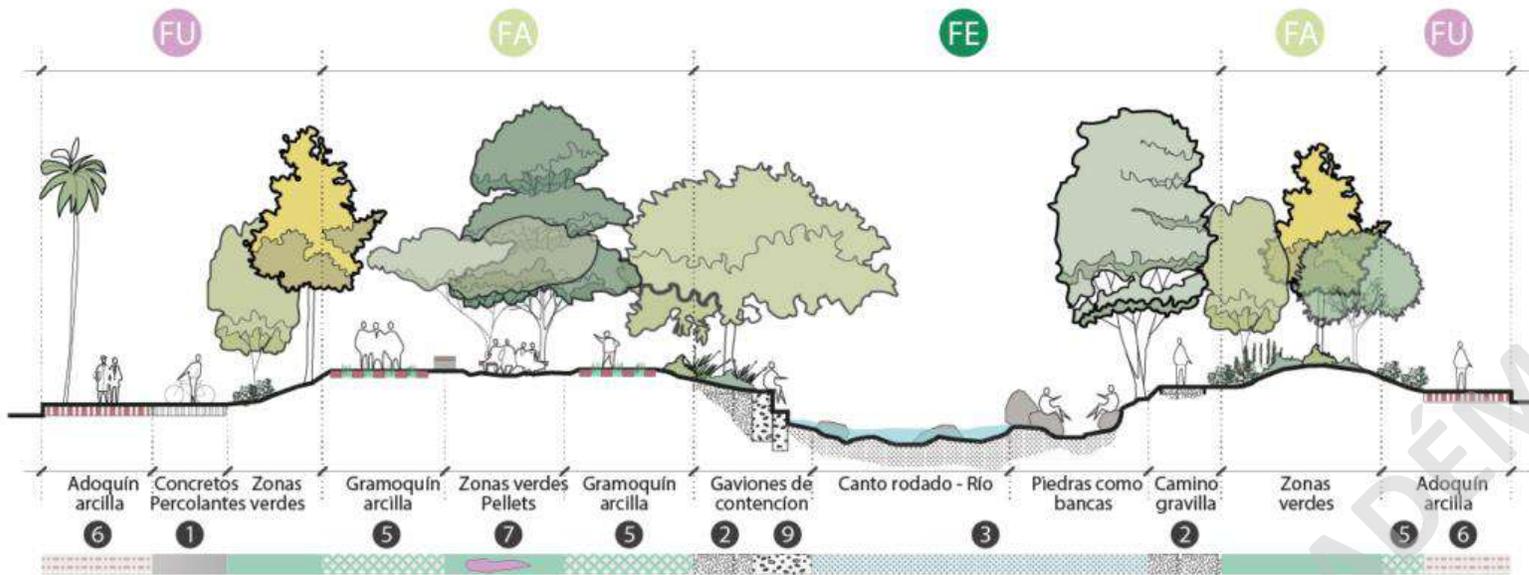
Contaminación
del drenaje de la
quebrada





Corredor ambiental urbano del Río Cali, Colombia

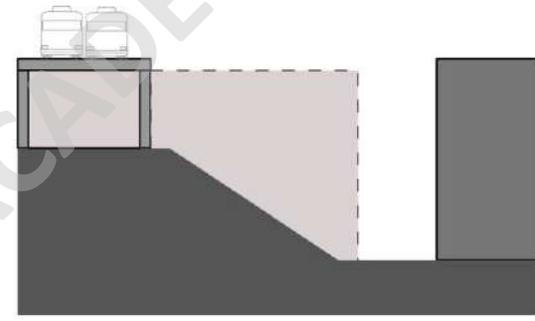
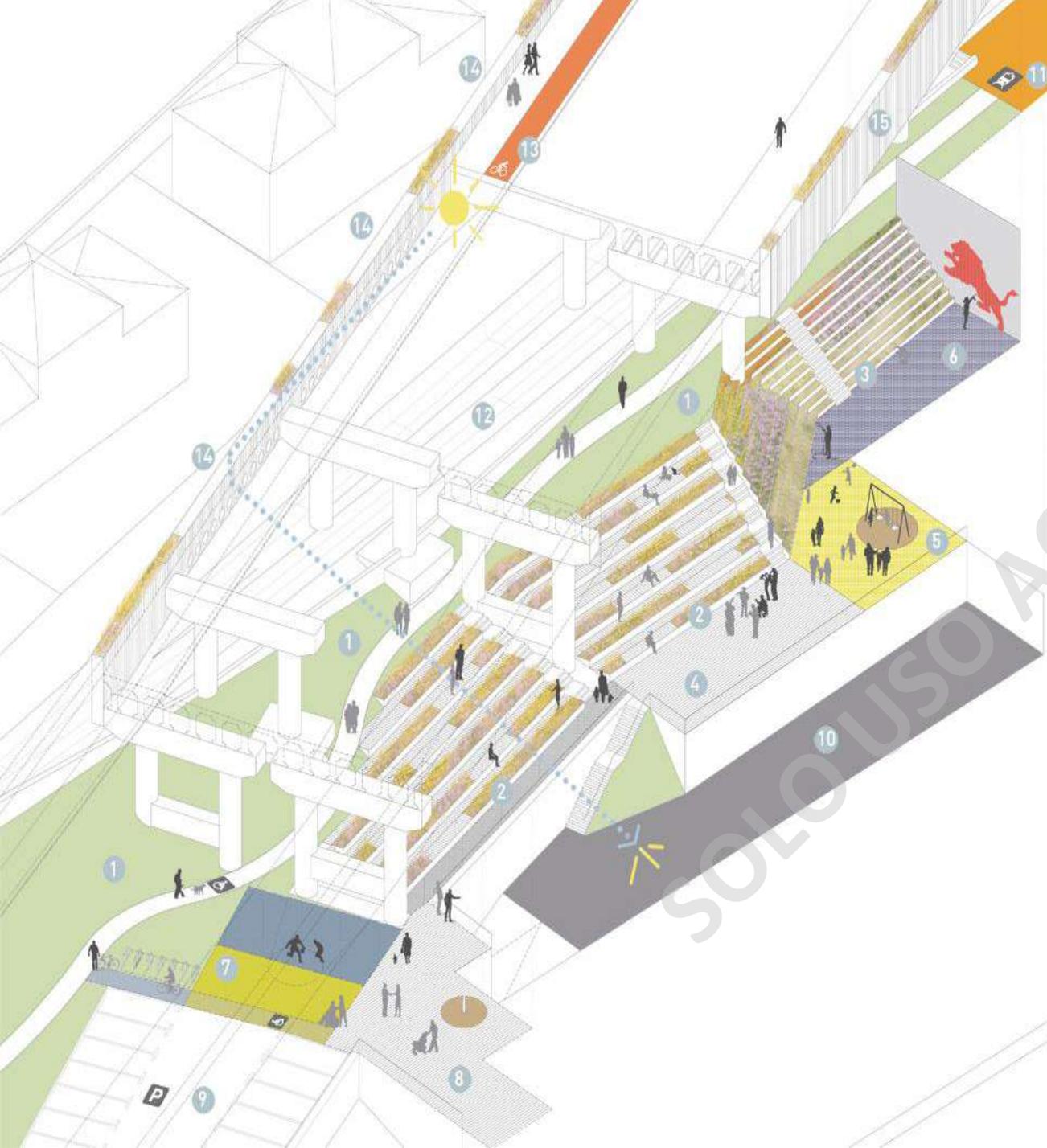
- Proyecto: Corredor ambiental.
- Arquitectos: Alcuadrado Arquitectos + Habitar colectivo.
- Ubicación: Cali, Valle del cauca, Colombia.
- Año del proyecto: 2018,



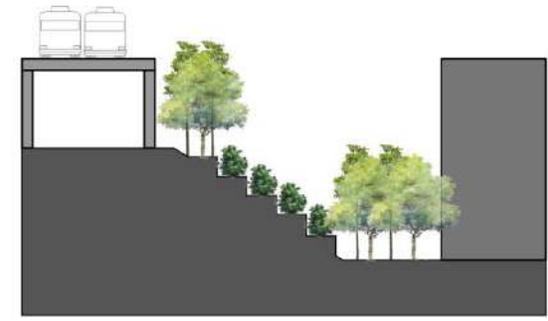


Rehabilitación del espacio público y nuevo jardín urbano bajo el viaducto de Ciudad Jardín y Uribarri

- Arquitecto: Miguel Ángel Venegas Pérez,
- Bilbao, Vizcaya, País Vasco, España
- 2014



Problemática



Esquema Estrategia

Programas

Usos y actividades

- 1- Zona verde / corredor ecológico
- 2- Graderío, jardineras y huertos urbanos
- 3- Jardineras
- 4- Escenario
- 5- Zona de juegos infantil
- 6- Área de creación artística joven
- 7- Pistas deportivas

- 8- Plazoleta y fuente
- 9- Aparcamiento existente
- 10- Patio interior de parcela
- 11- Estación de tren de Loruri-Ciudad Jardín
- 12- Vías del tren del Txorierrri
- 13- Carril-bici
- 14- Captador solar
- 15- Peto-jardinera-banco-captador solar



Proyecto Río la Piedad y Ciudad Deportiva prometen devolver al D.F. su relación con el agua

- Arquitectos : Taller13 Arquitectura Regenerativa
- **Ubicación:** Viaducto Miguel Alemán, Mexico City, Federal District, Mexico
- 2013



AGUA DE LLUVIA

AGUA DE LLUVIA

AZOTEA DE TECHOS VERDES

HOTEL GARAGE

HOTEL

BANQUETAS PIVELADAS
SISTEMA DE CAPTACION DE AGUA PLUVIAL

DRENAJE

PLANTA DE TRATAMIENTO DE AGUAS GRAY

HIJOS DE LA TIERRA
TRATAMIENTO NATURAL DEL AGUA
REDUCCION Y PURIFICACION

PLANTA DE TRATAMIENTO INTERMEDIA

PLANTA DE TRATAMIENTO INTERMEDIA

TRANS. PRIVADO

TRANS. PUBLICO

PARQUE LINEAL

RIO

PARQUE LINEAL

TRANS. PUBLICO

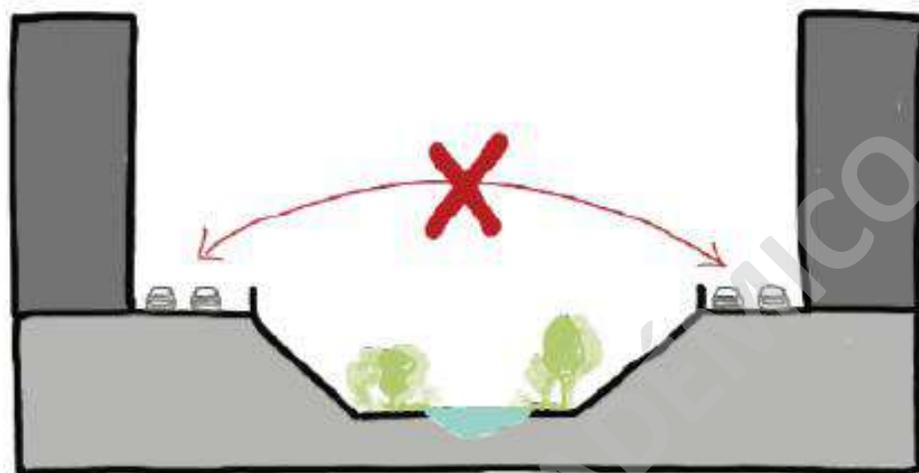
TRANS. PRIVADO

BICI.

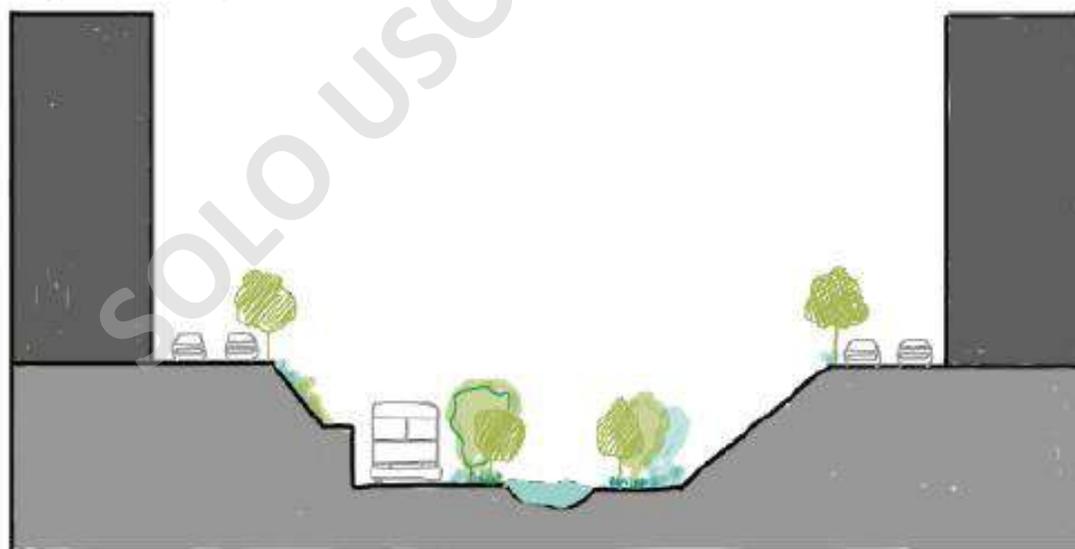
PEATON

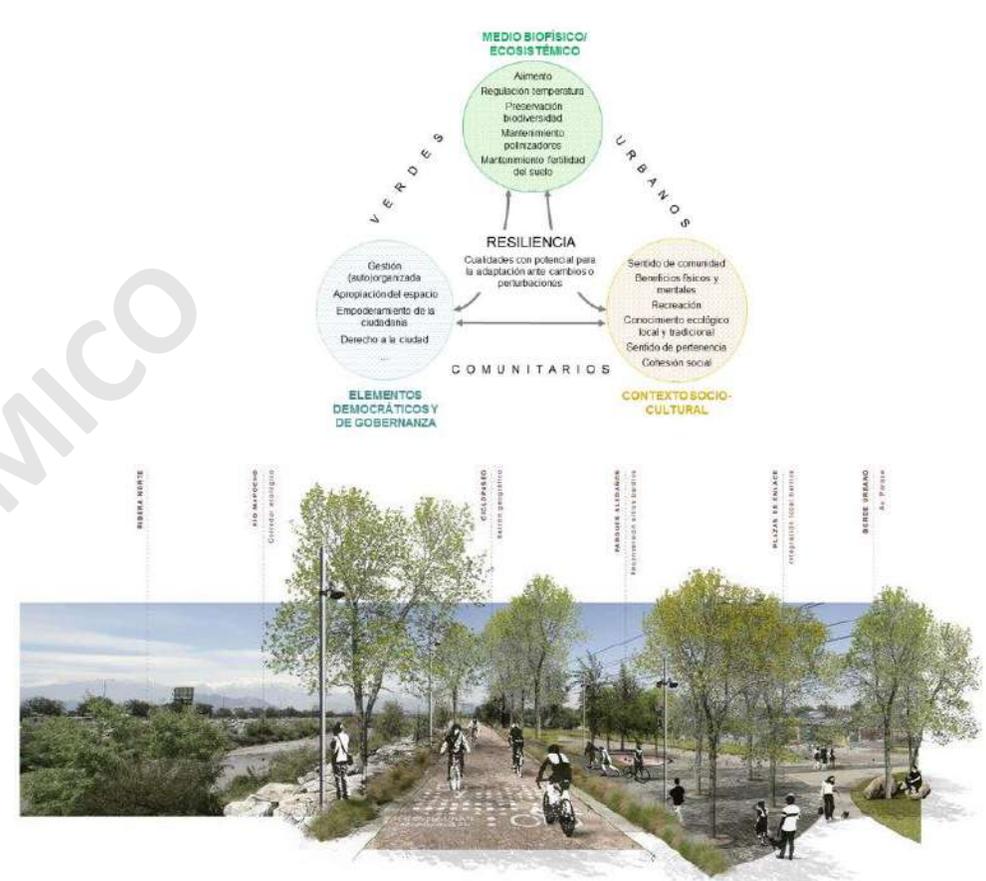
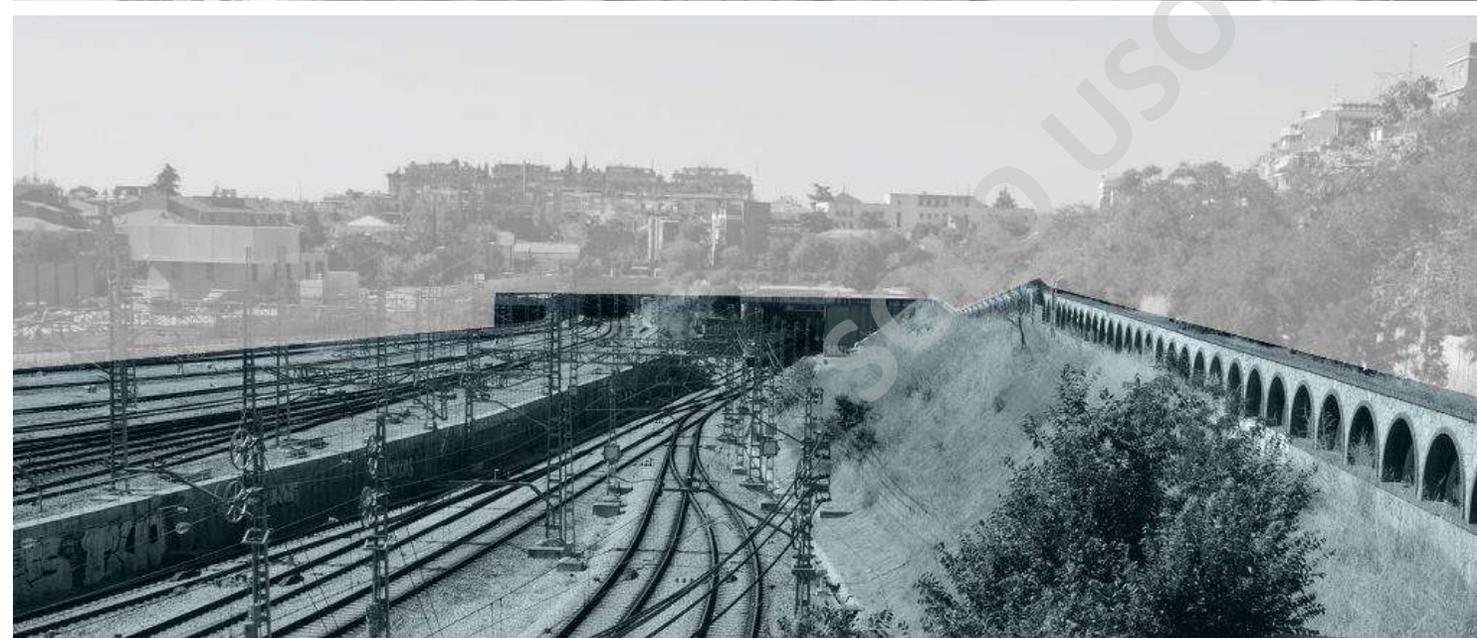
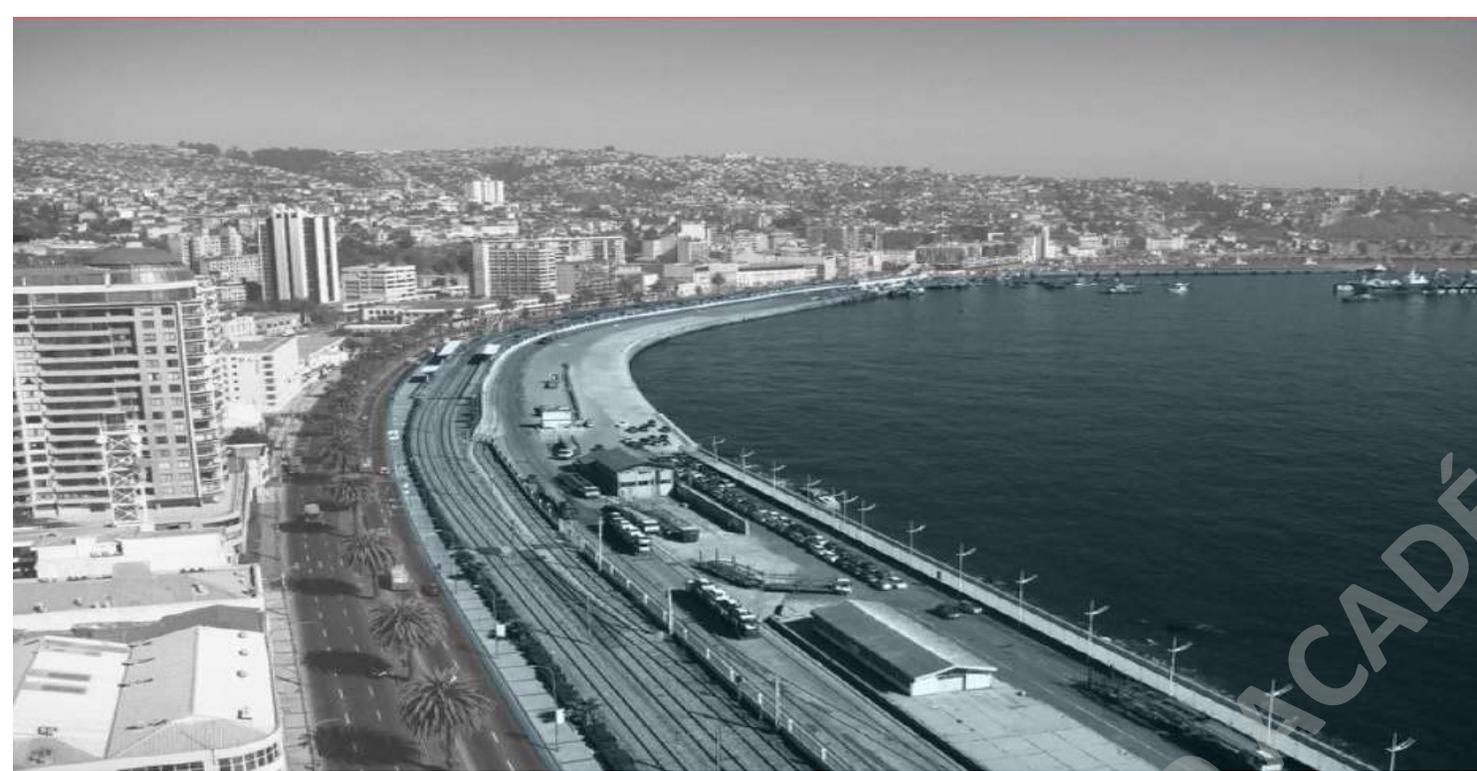


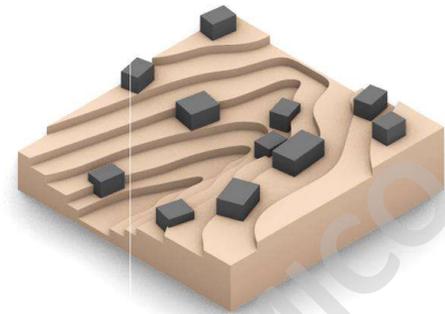
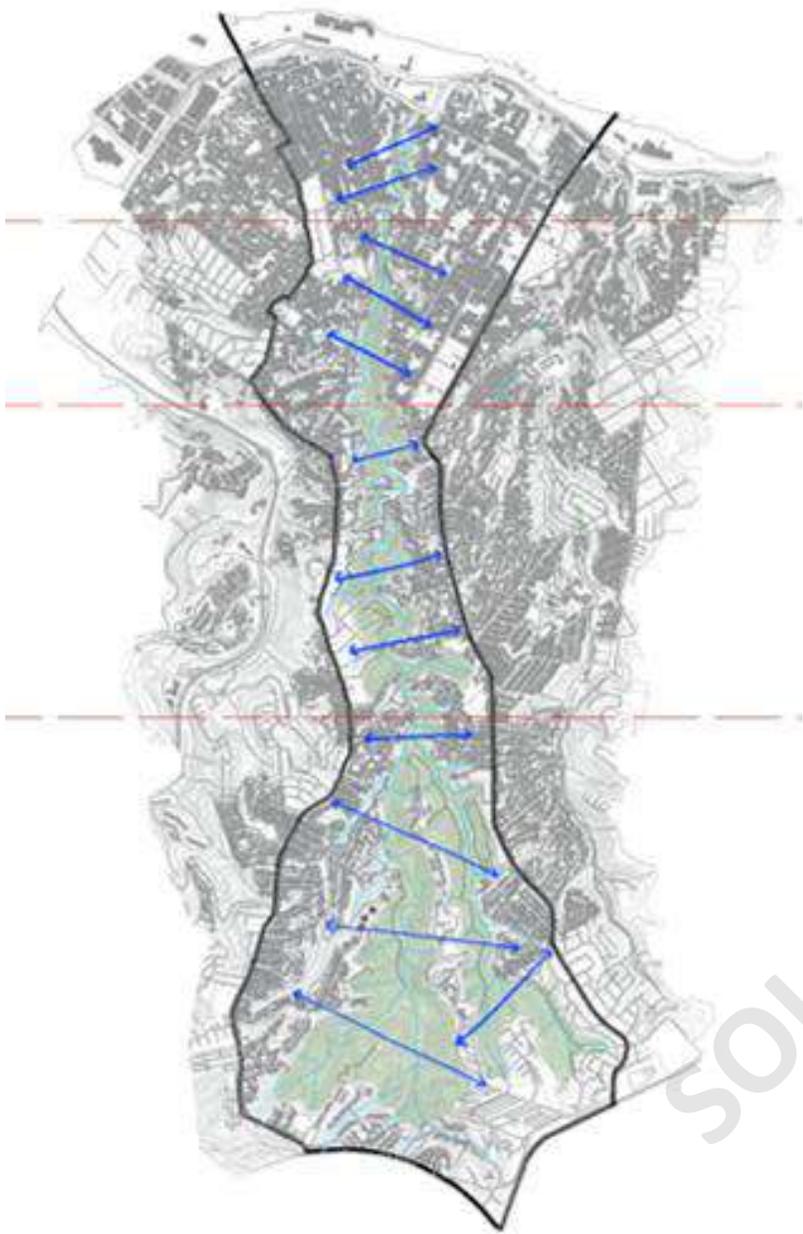
Problemática



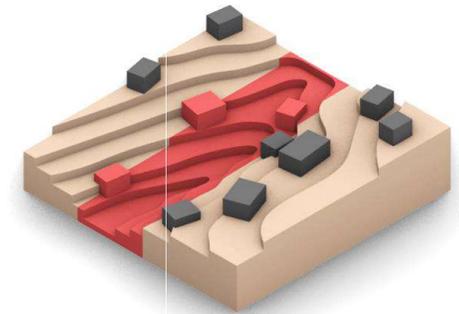
Esquema estrategia



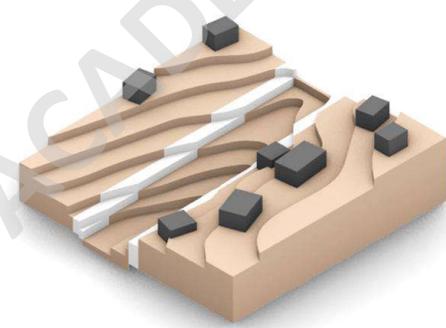




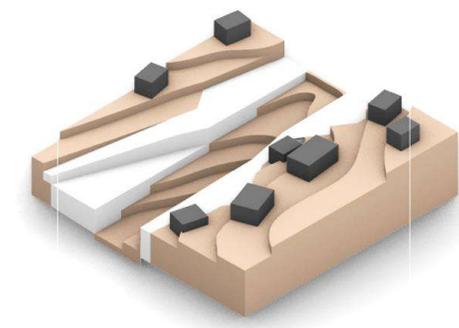
Problemática actual



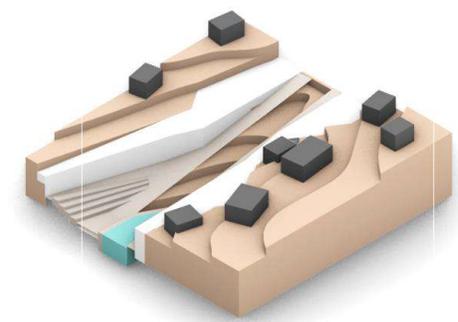
Zona de riesgo quebrada



Consolidar un borde

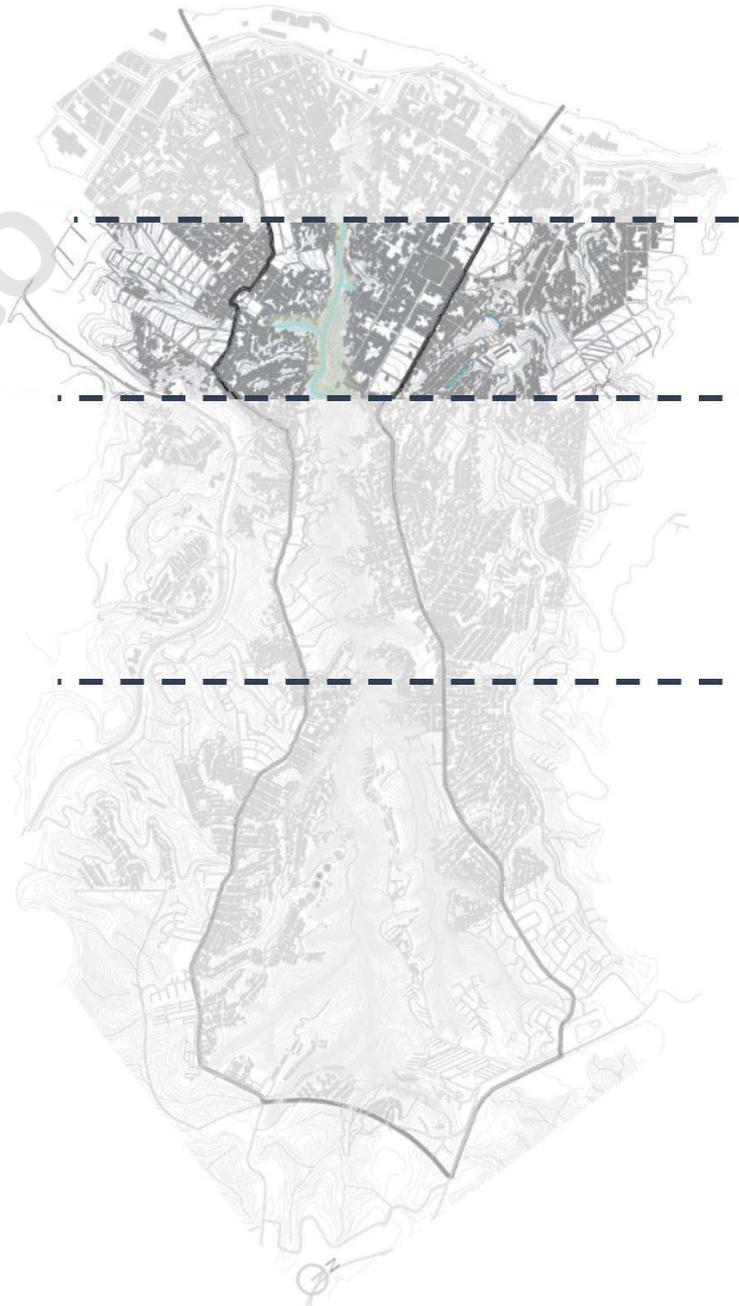
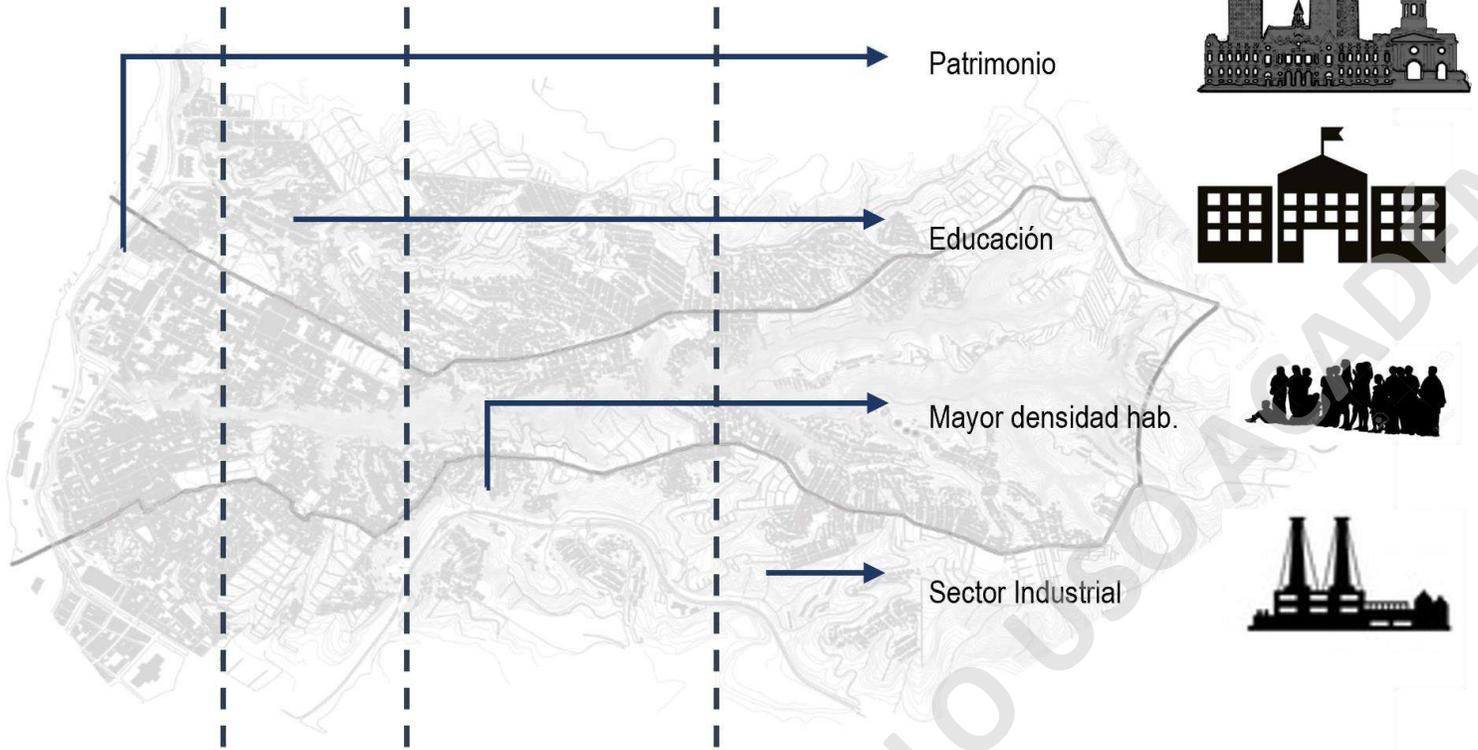


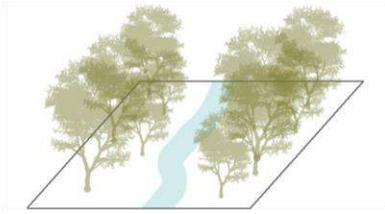
Habitar borde urbano



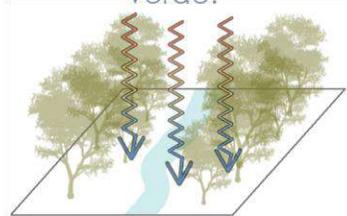
Habitar quebrada

Tramos del proyecto

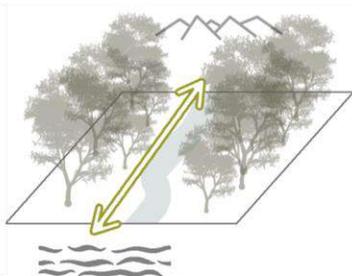




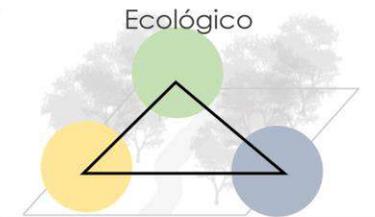
La quebrada como corredor verde:



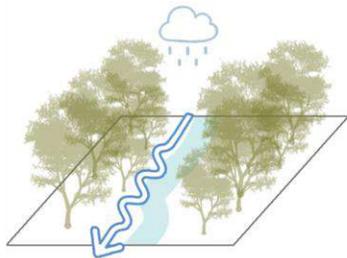
Mitigación de calor



Conectar por medio de su linealidad (3 tipos de senderos)



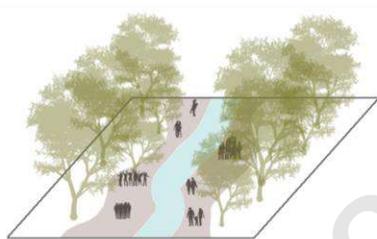
Articulador de funciones



Promover el drenaje de la quebrada



Administración de desechos y basurales

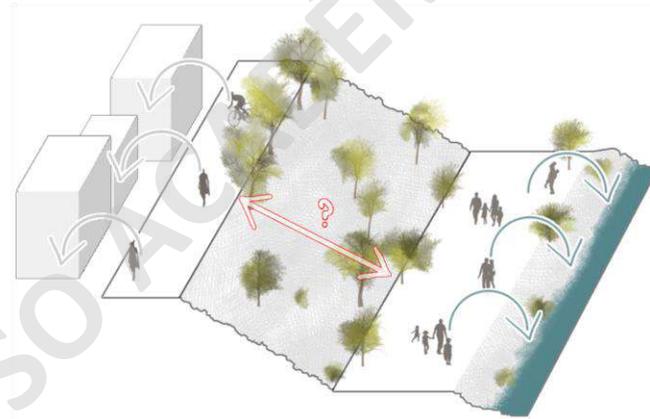


Consolidar un borde natural habitable y recorrible

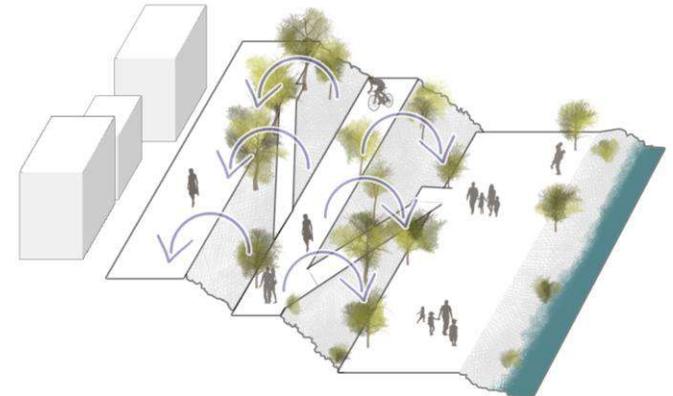


Diferenciar el borde urbano

Senderos

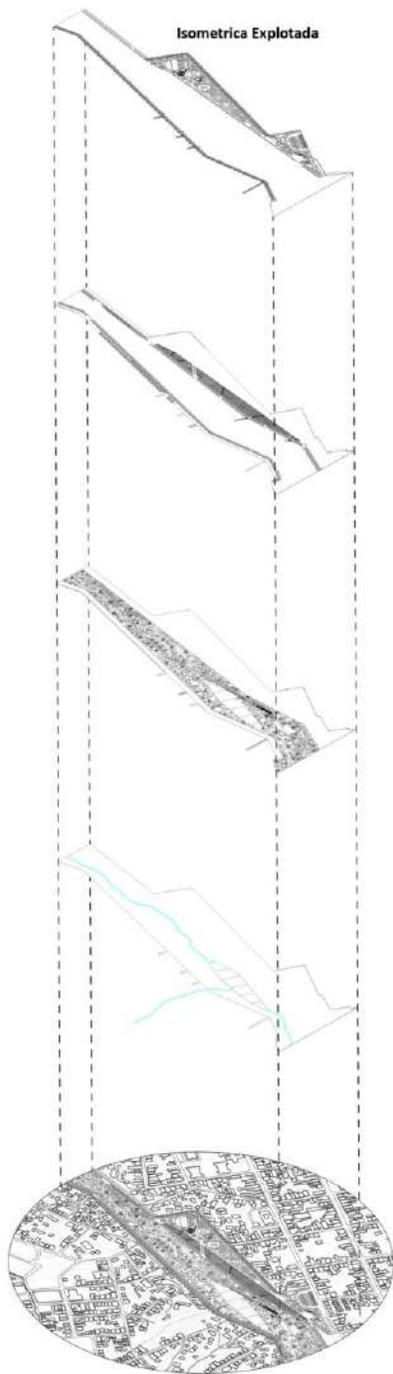


Borde de ciudad v/s Borde de quebrada

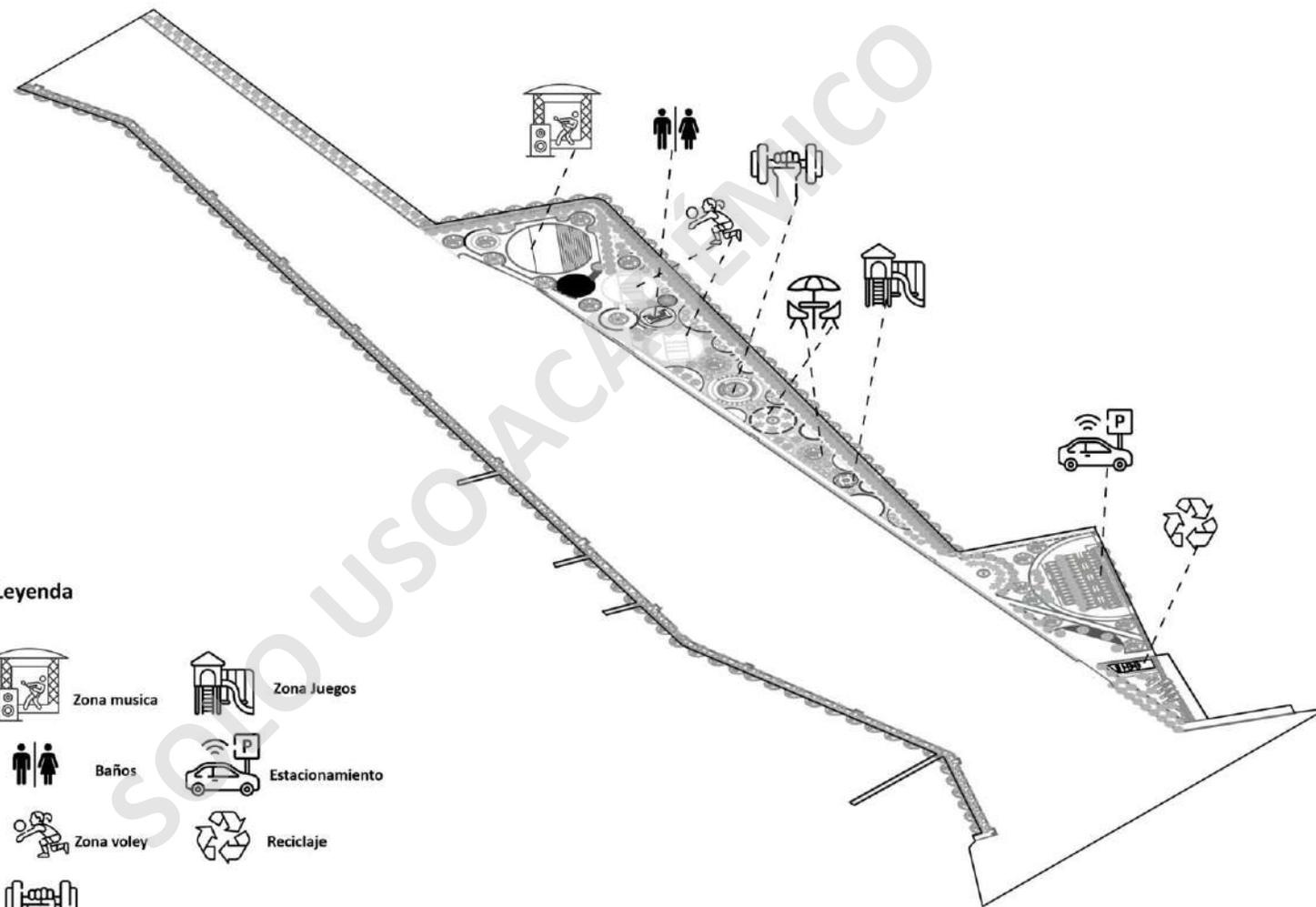


Circulación de transición que comunica ambos bordes y mantiene toda la linealidad de quebrada

Isometrica Explotada



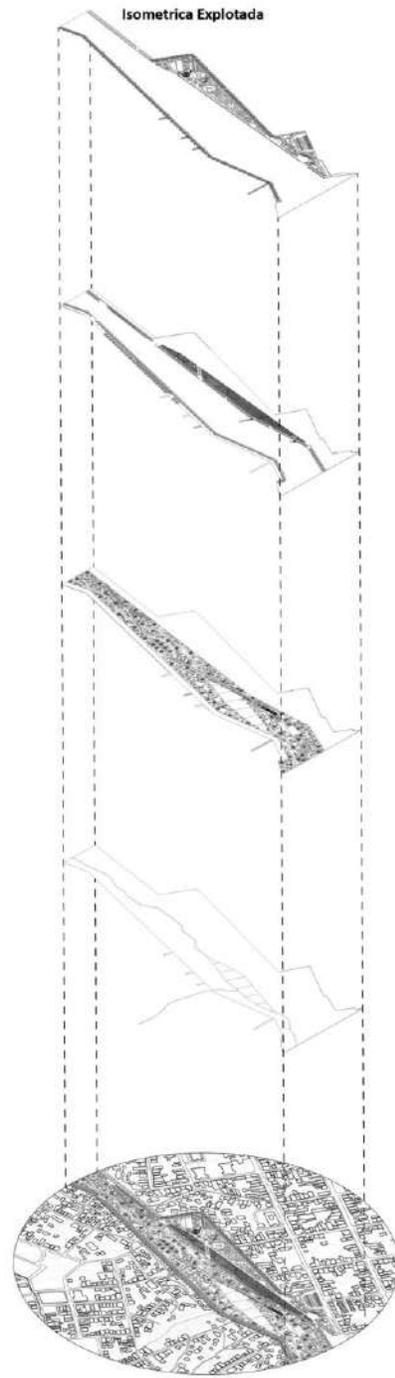
Isometrica Programatica - Zona urbana



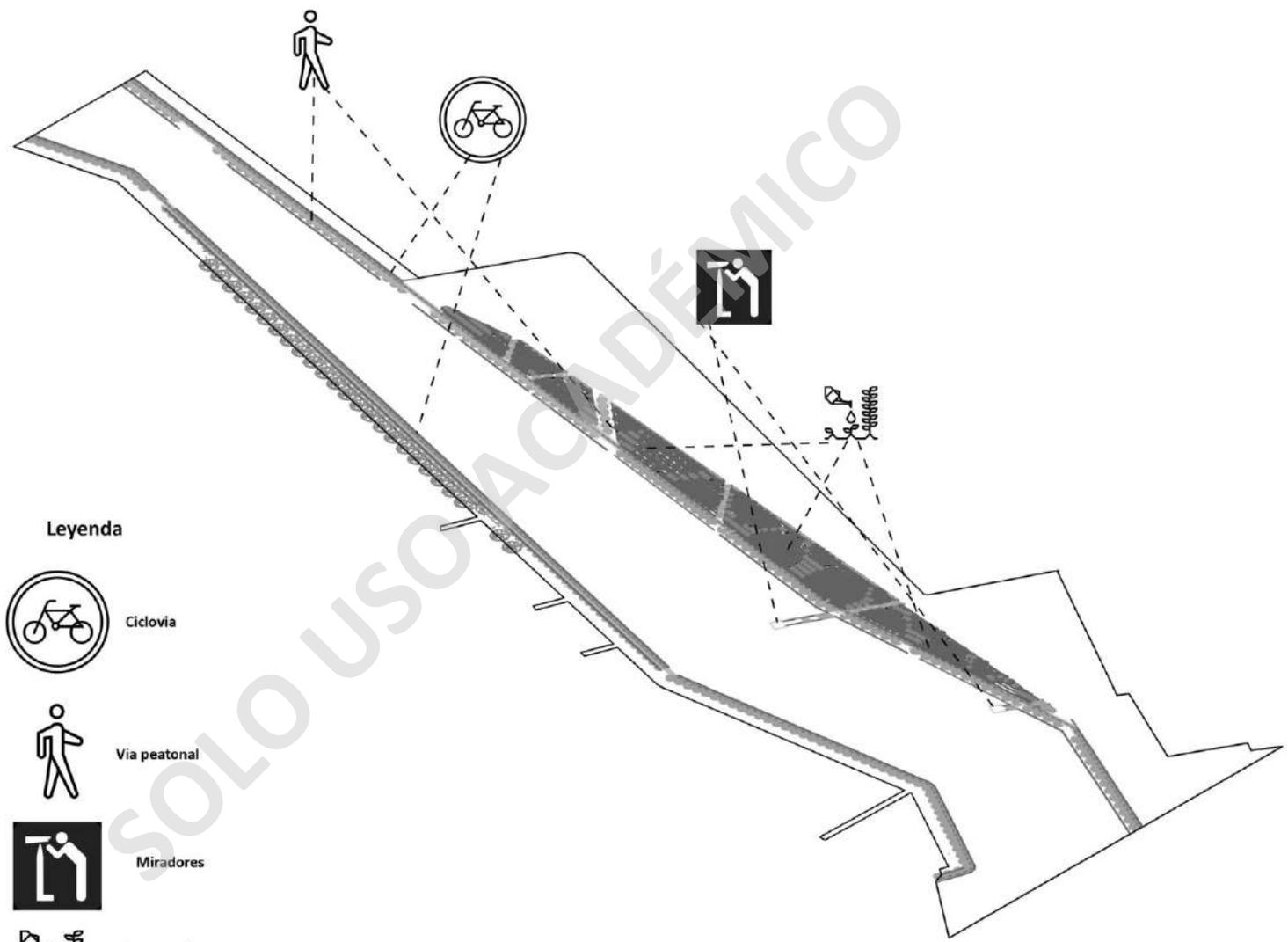
Leyenda

- | | | | |
|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|-----------------|
|  | Zona musica |  | Zona Juegos |
|  | Baños |  | Estacionamiento |
|  | Zona voley |  | Reciclaje |
|  | | | |
|  | Espacios de reunion | | |

Isometrica Explotada



Isometrica Programatica - Zona transición

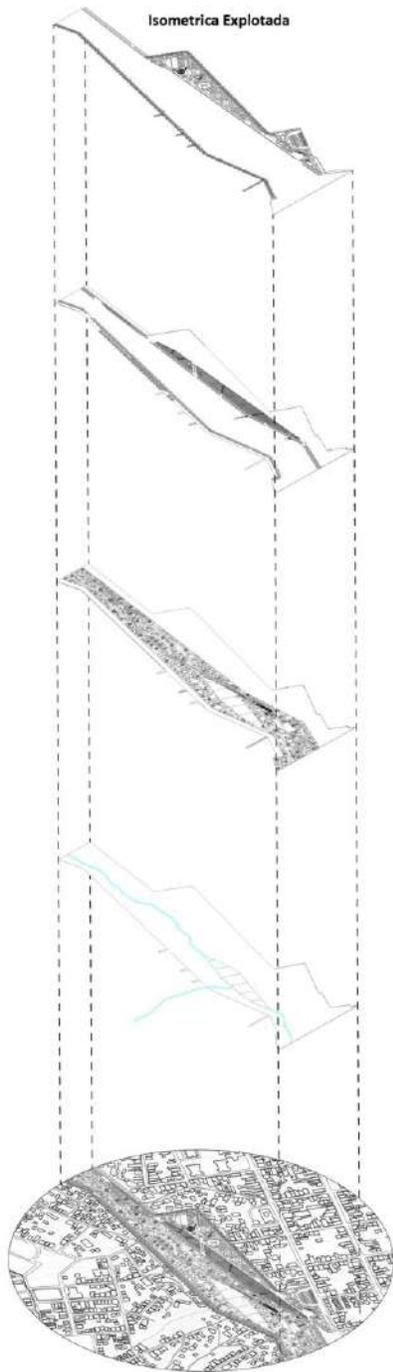


Leyenda

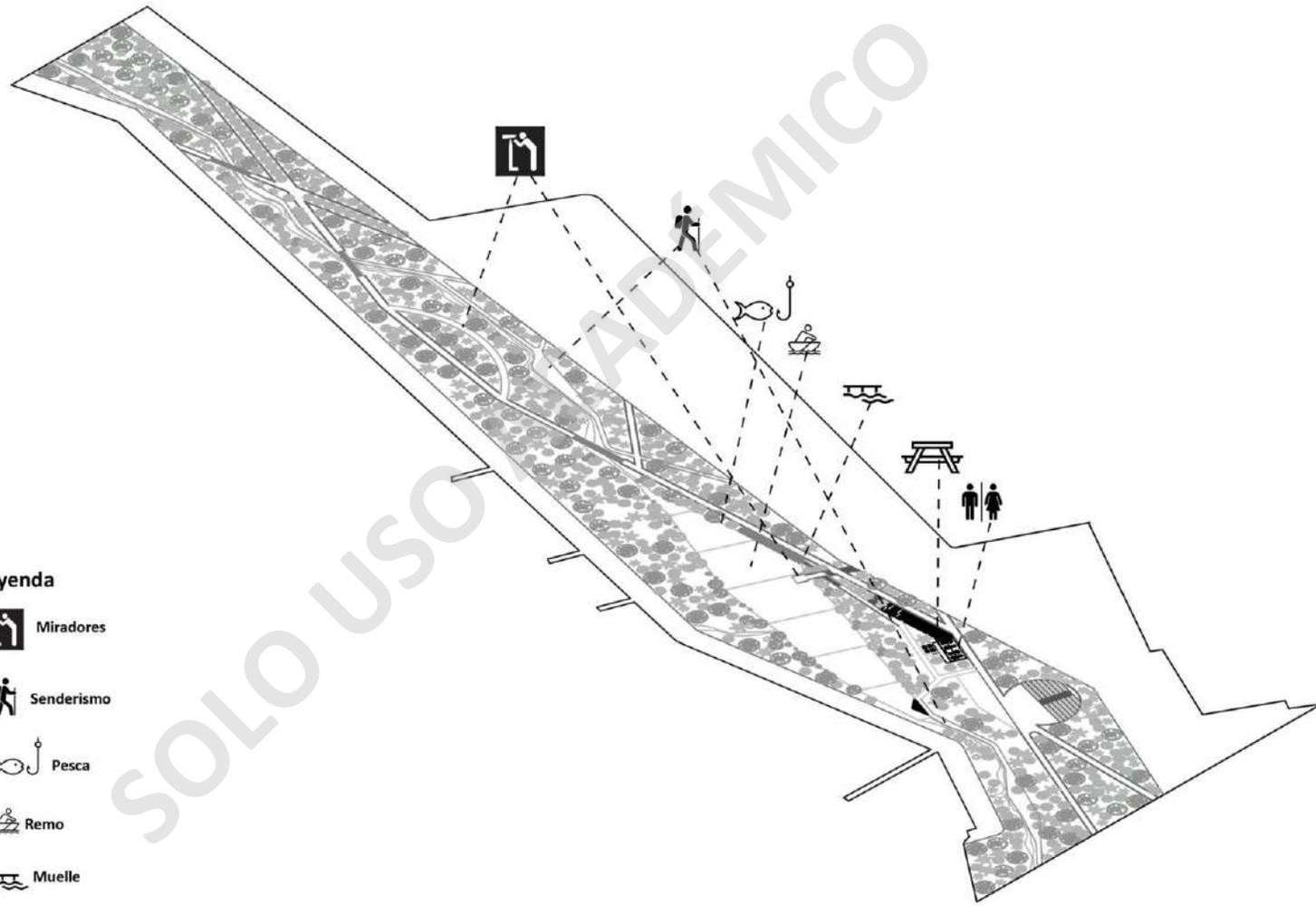
-  Ciclovia
-  Via peatonal
-  Miradores
-  Terrazas y/o huertos verdes

SOLO USO ACADÉMICO

Isometrica Explotada

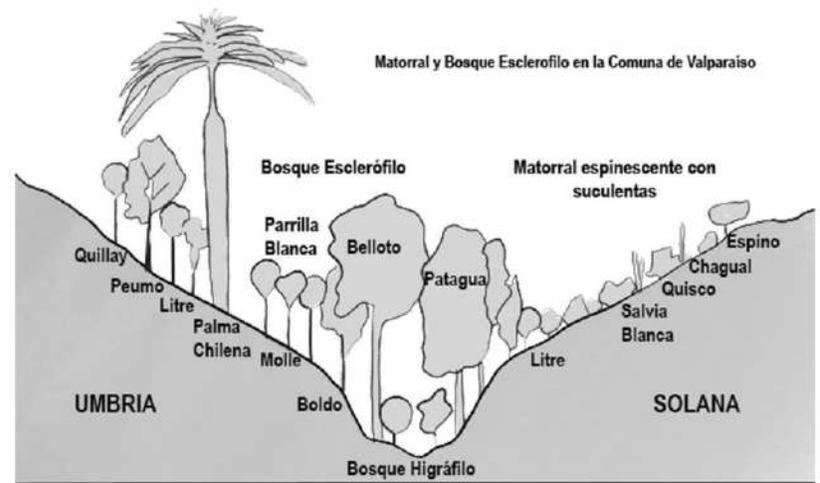
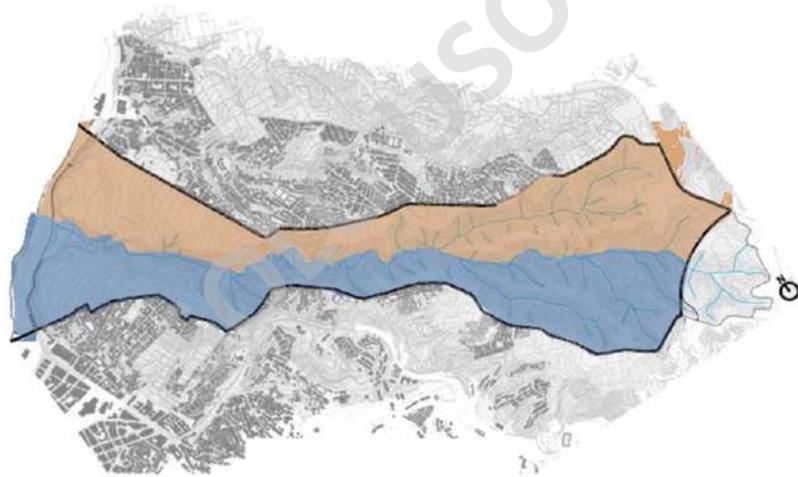
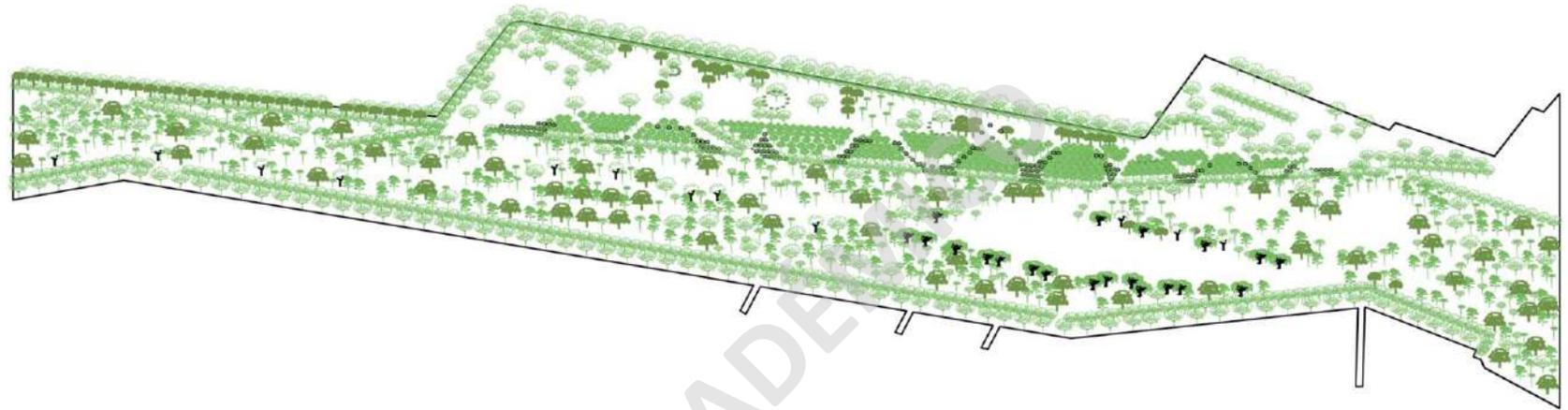
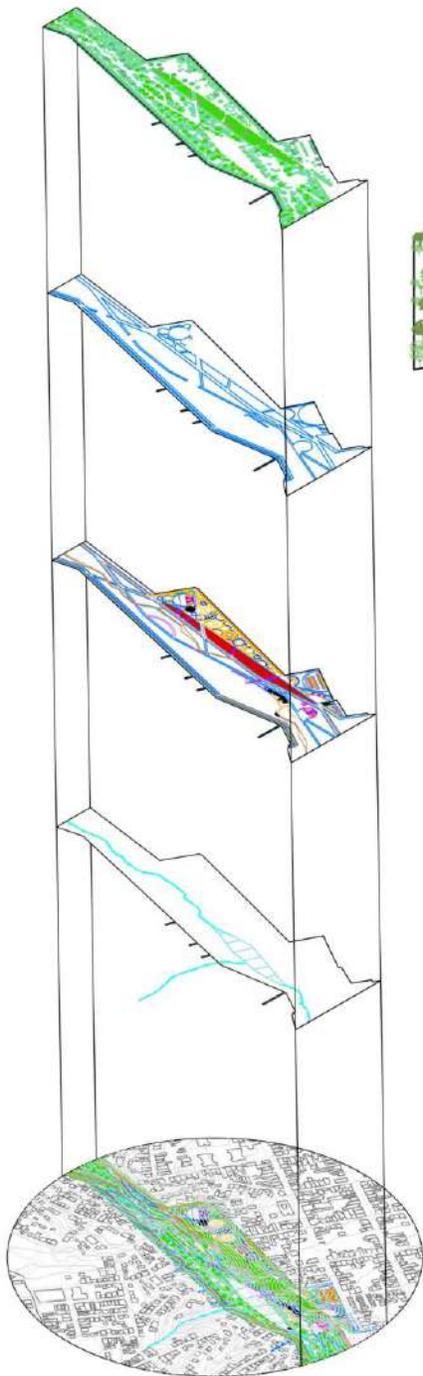


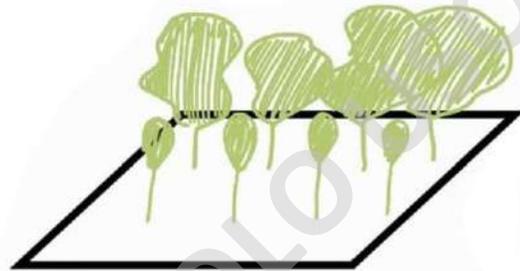
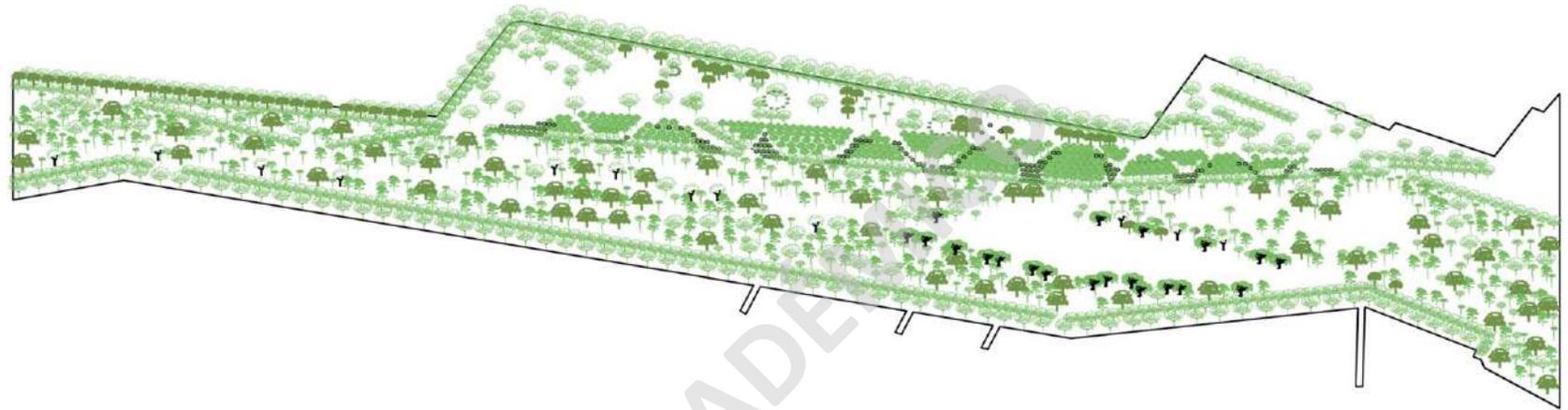
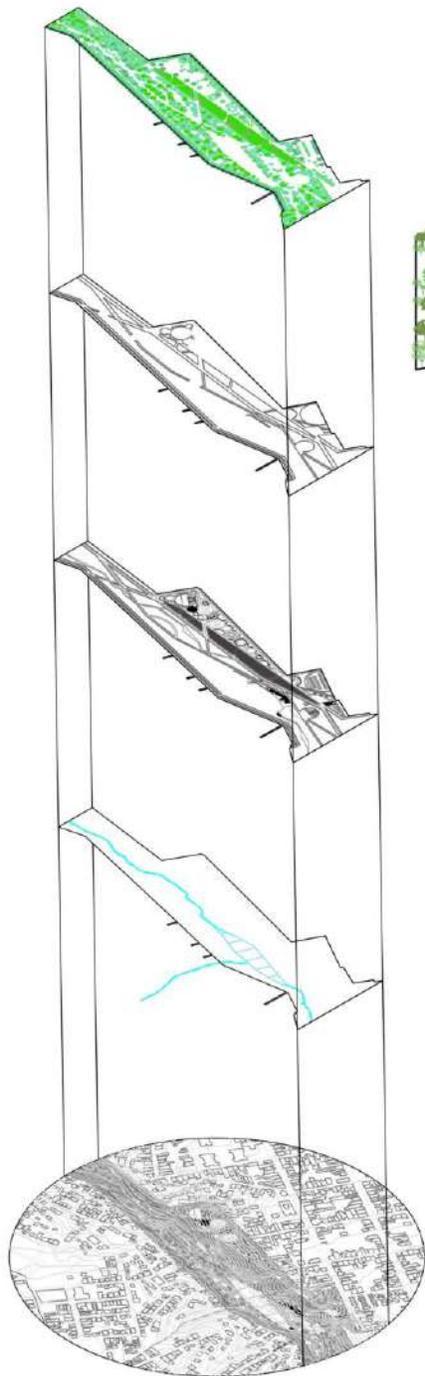
Isometrica Programatica - Zona natural



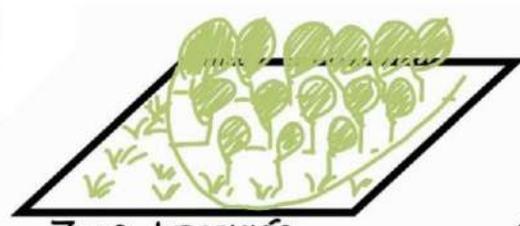
Leyenda

-  Miradores
-  Senderismo
-  Pesca
-  Remo
-  Muelle
-  Picnic
-  Baños





Zona urbana

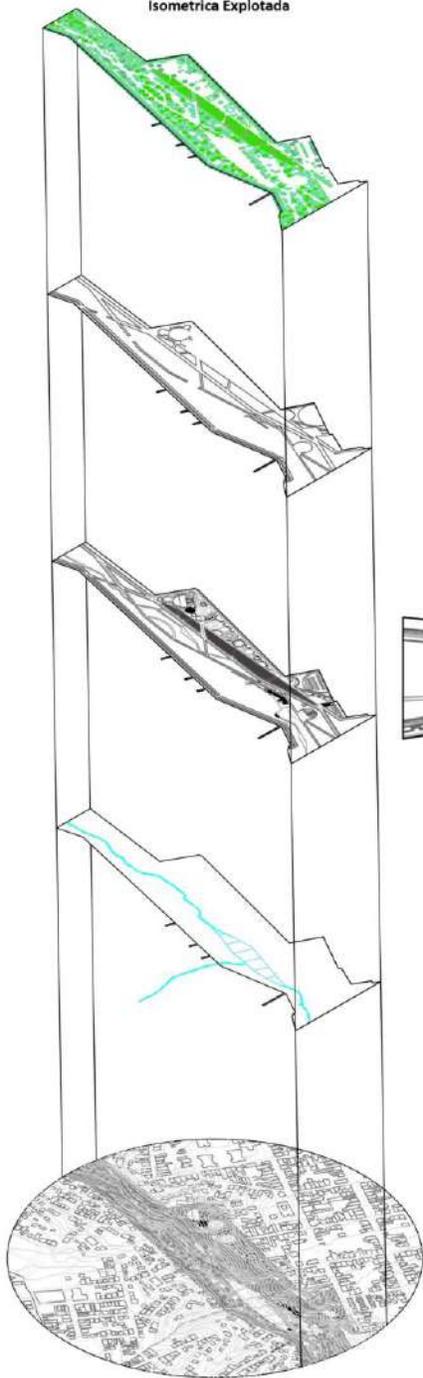


Zona transición

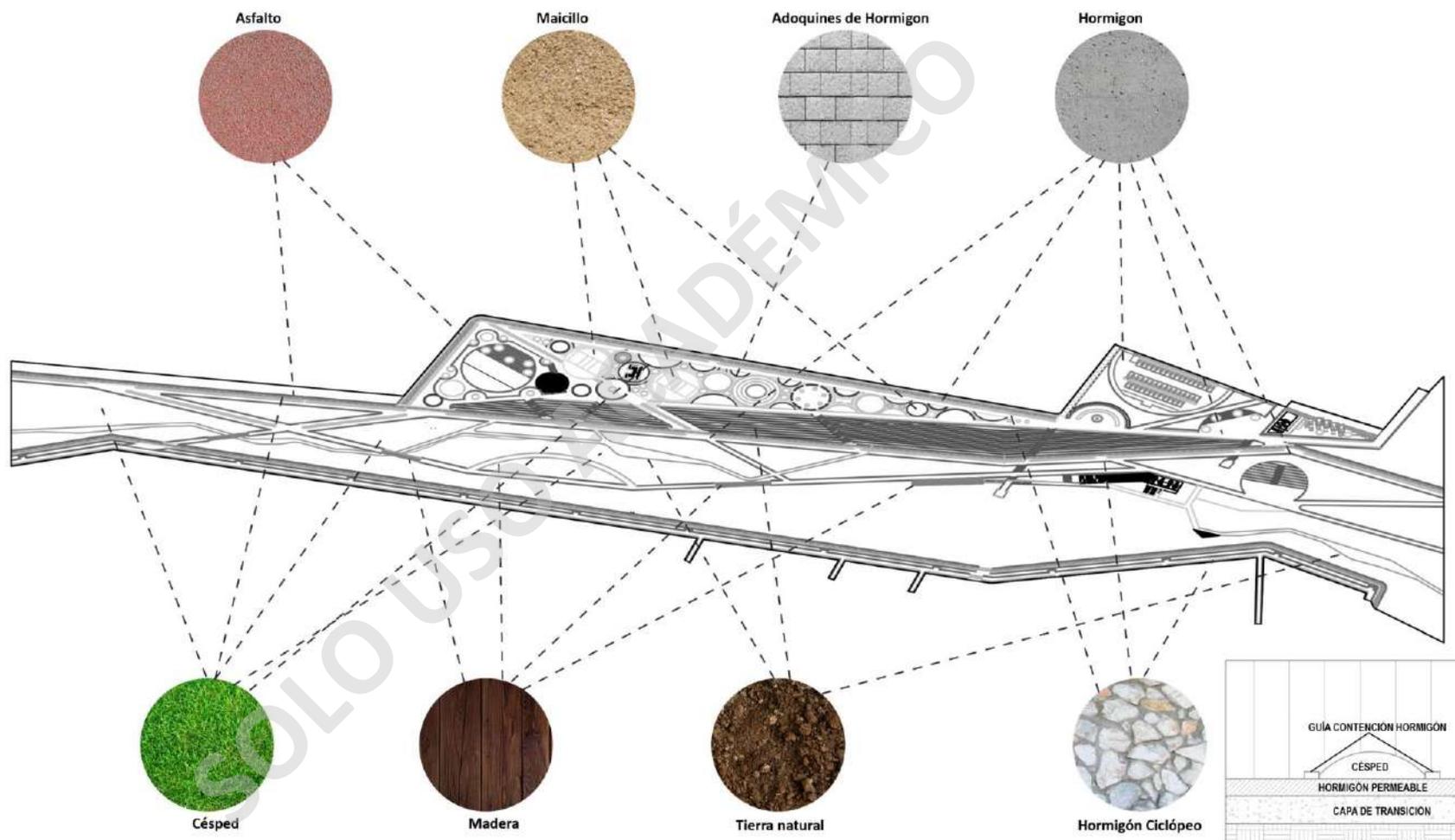


Zona natural

Isometrica Explorada

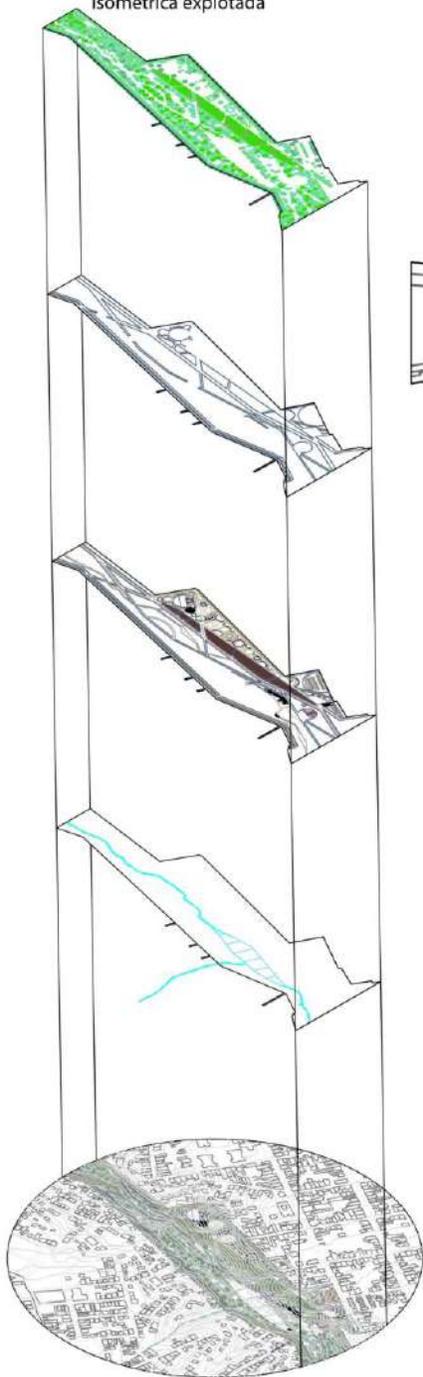


Isometrica - Materialidad

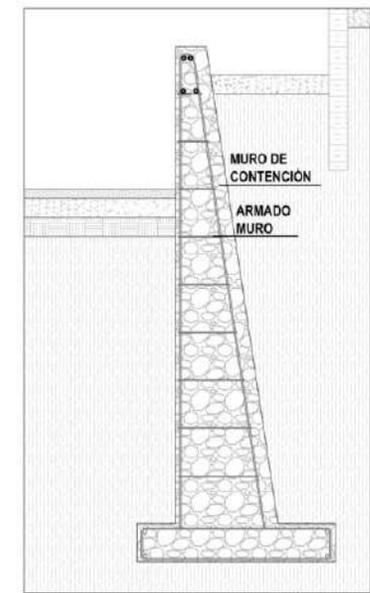
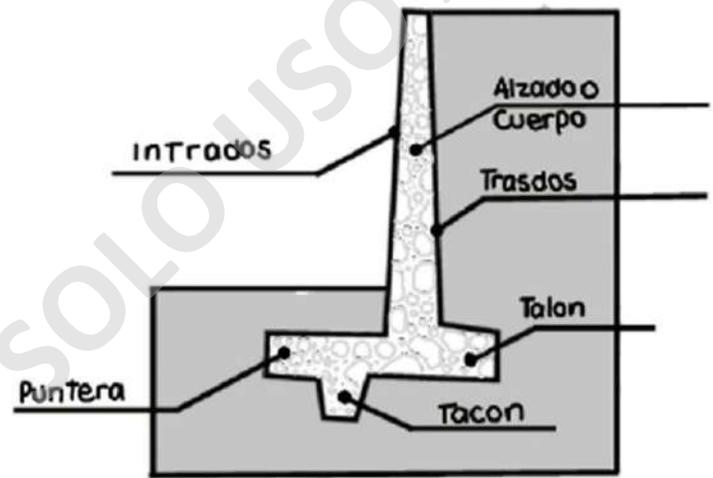
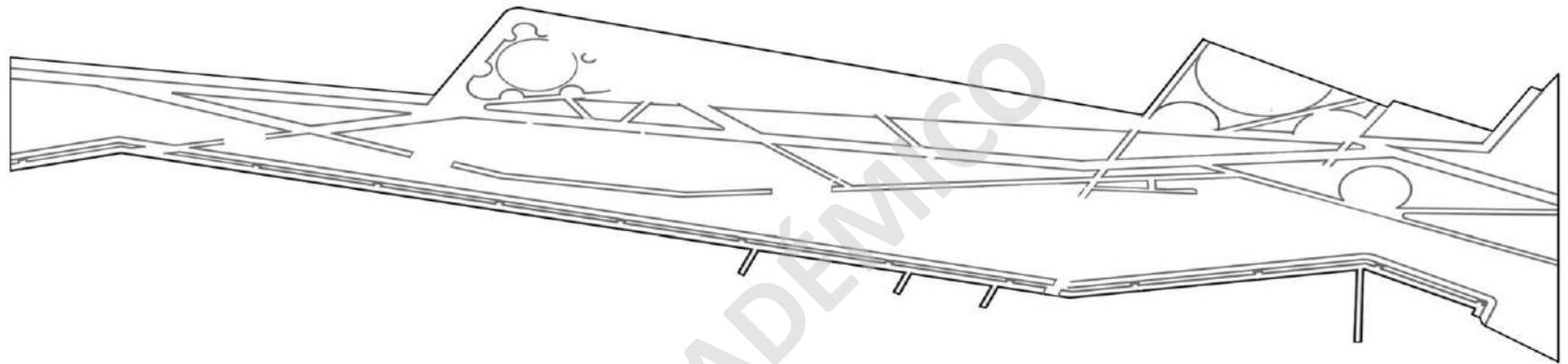


DETALLE 1: SUELO
Esc 1:5

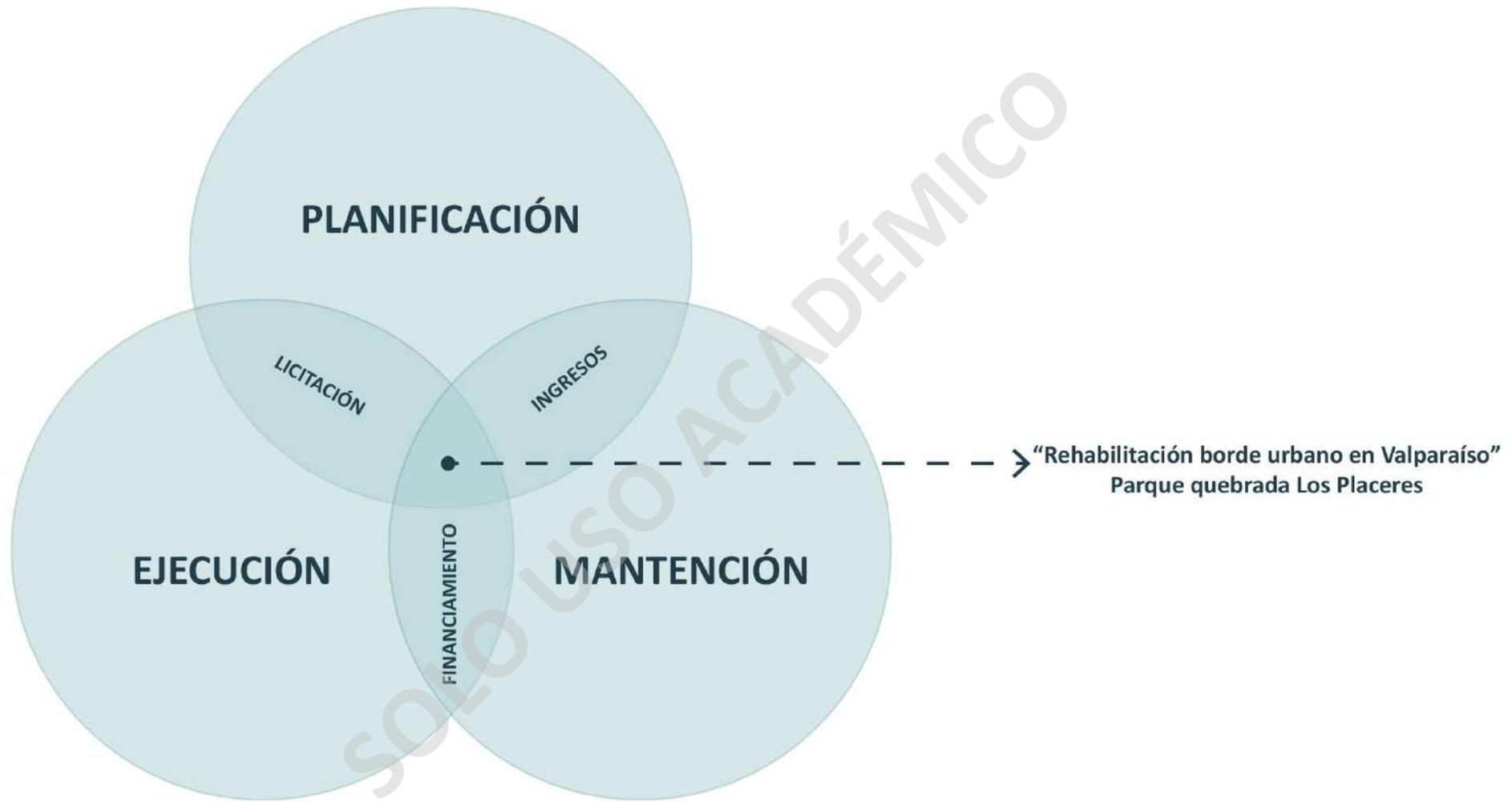
Isometrica explotada



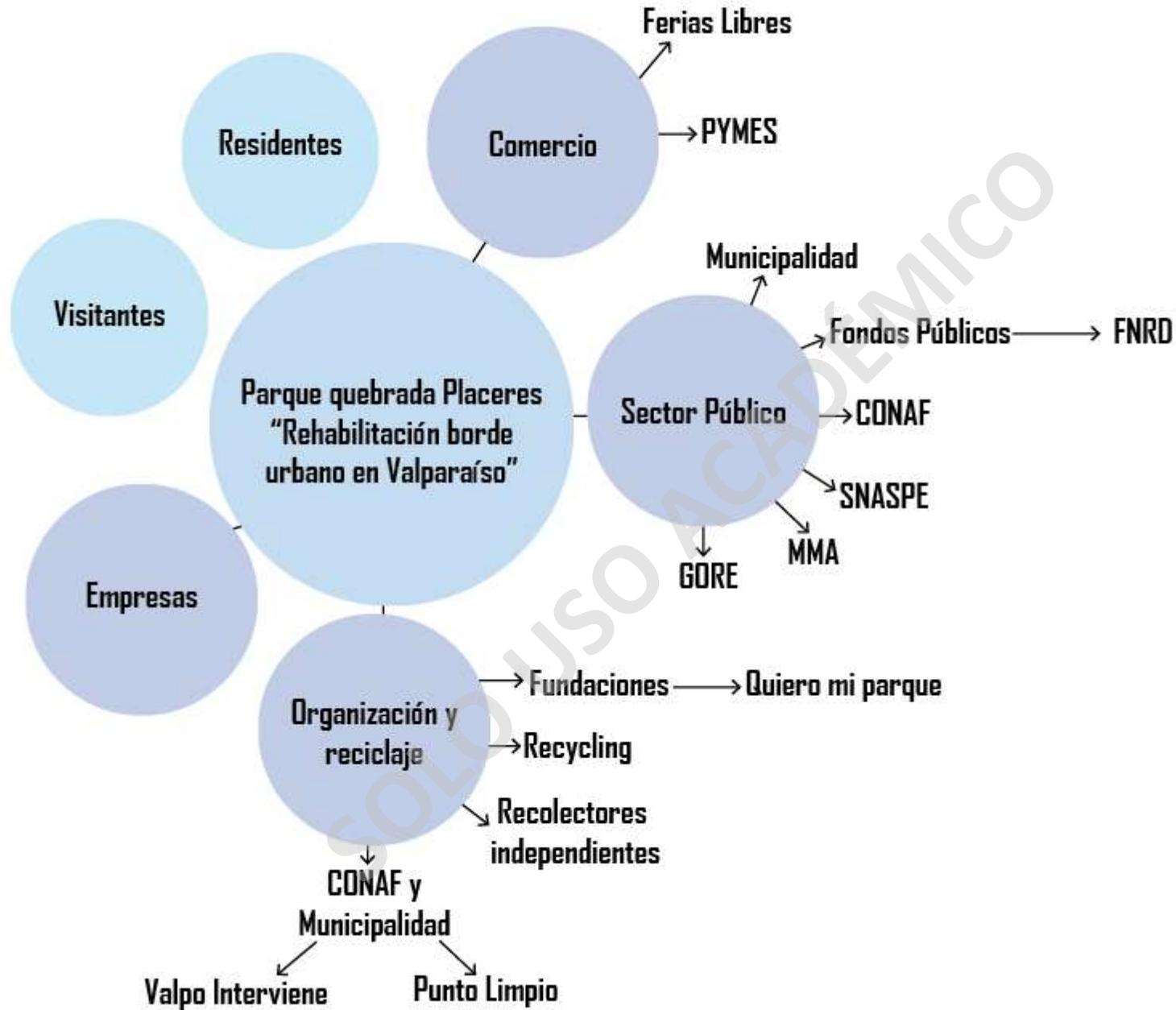
Isometrica - Muro de contención

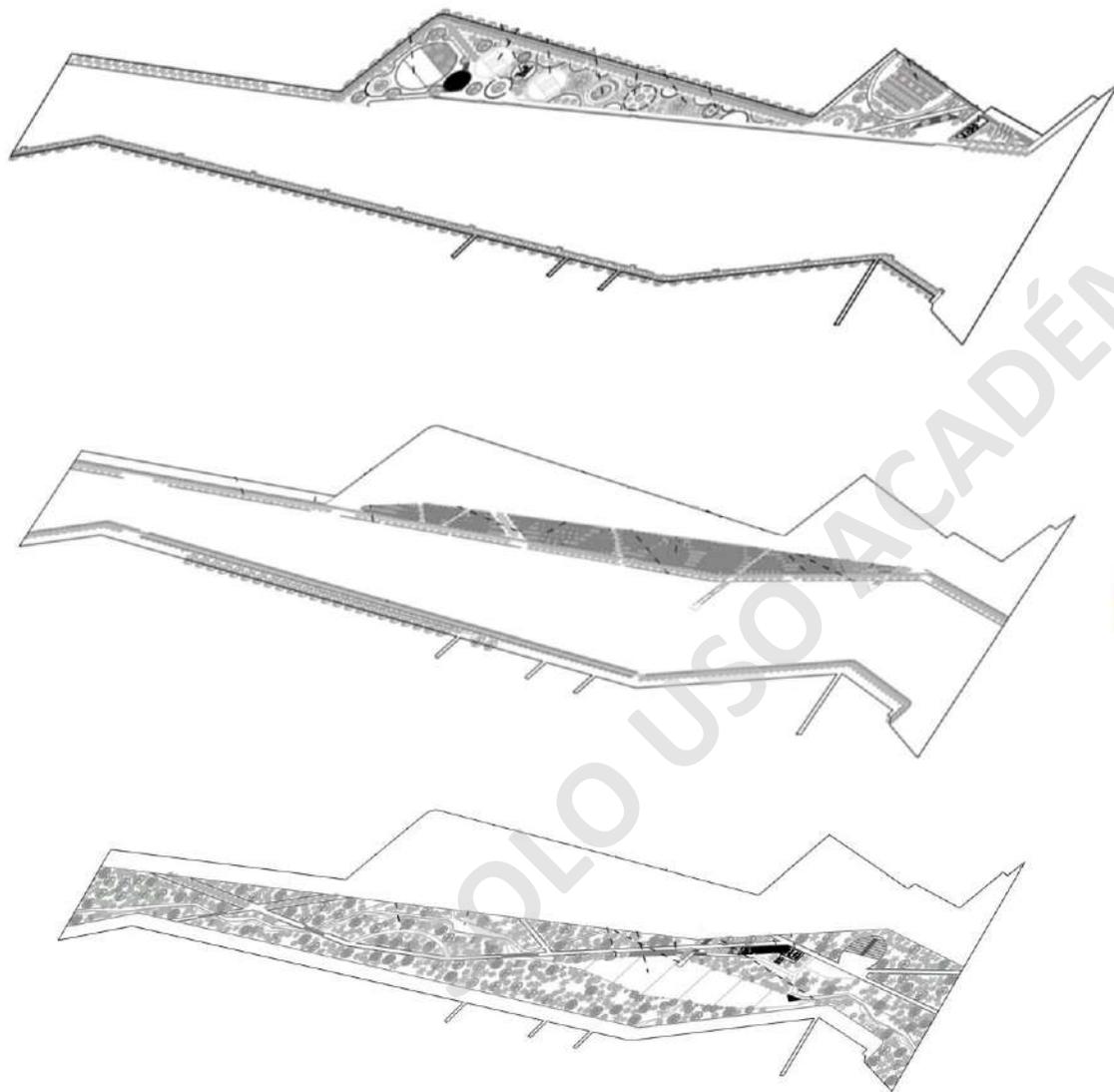
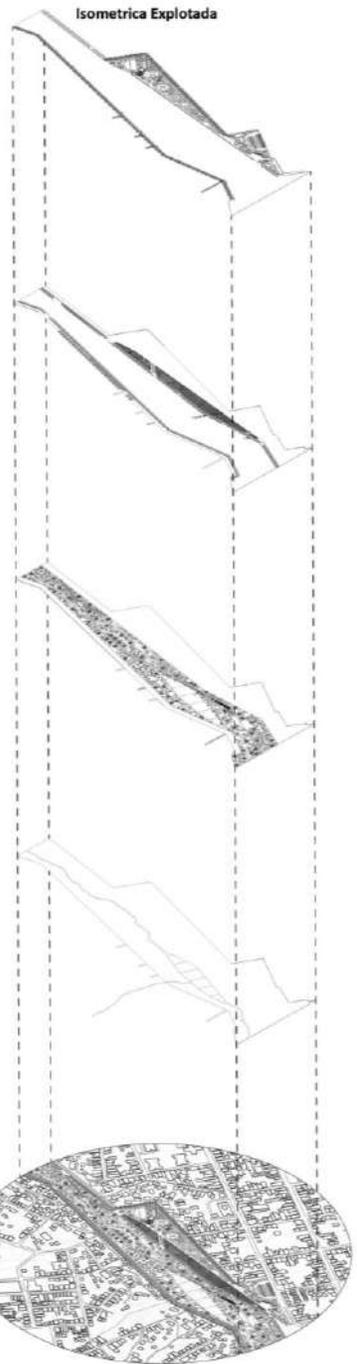


DETALLE 1: MURO CONTENCIÓN
Esc 1:5



GESTION





The Miyawaki method for restoring tropical forests



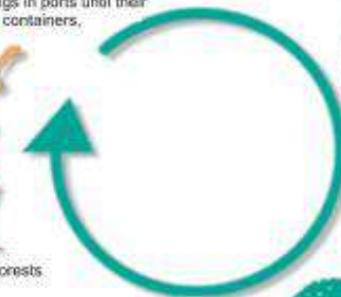
Germinate the seeds in a nursery. When two to three leaves have sprouted, move the seedlings to pots. Cultivate the seedlings in pots until their root groups generally fill the containers.



Cultivate under nets designed to cut out 80 percent of the sunlight for one to two months.



Obtain seeds from natural tropical forests



Cultivate under nets designed to cut out 40 percent of the sunlight for one to two months.

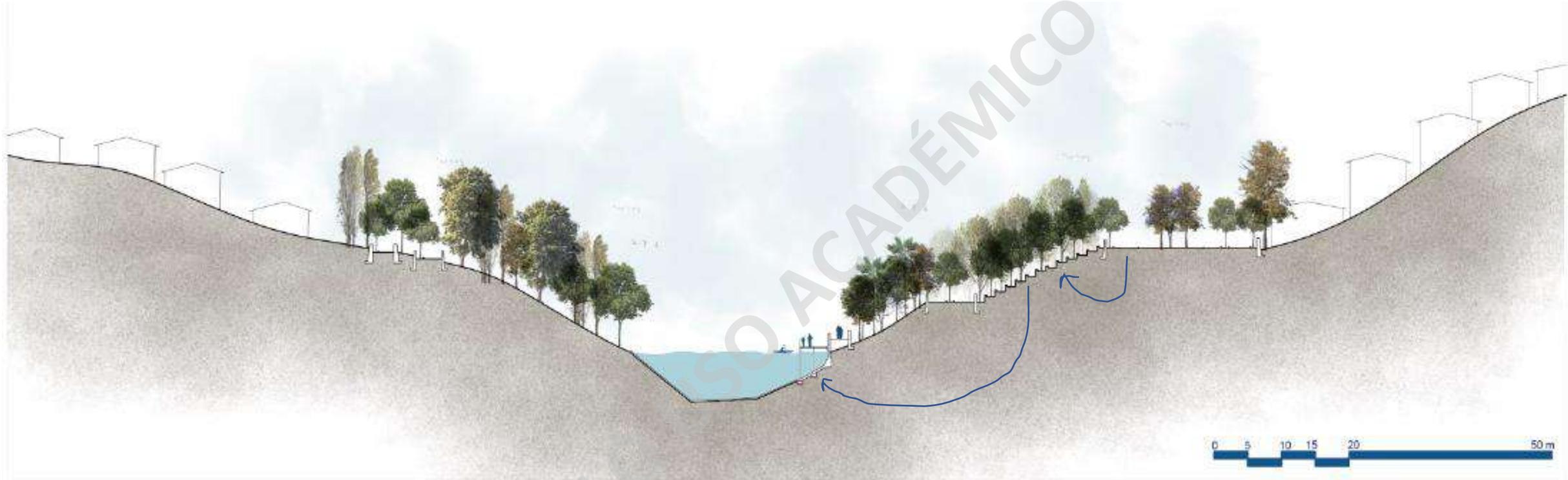
"No management is best management"



Plant and conduct maintenance for one to two years. From the third year entrust the trees to natural management. At this point the rule is "No management is the best management"



Adapt to the natural environment in an existing forest (period of between one week and one month).



Rehabilitación borde urbano

“Parque quebrada Los Placeres, Valparaíso”

Camila Arriagada P.