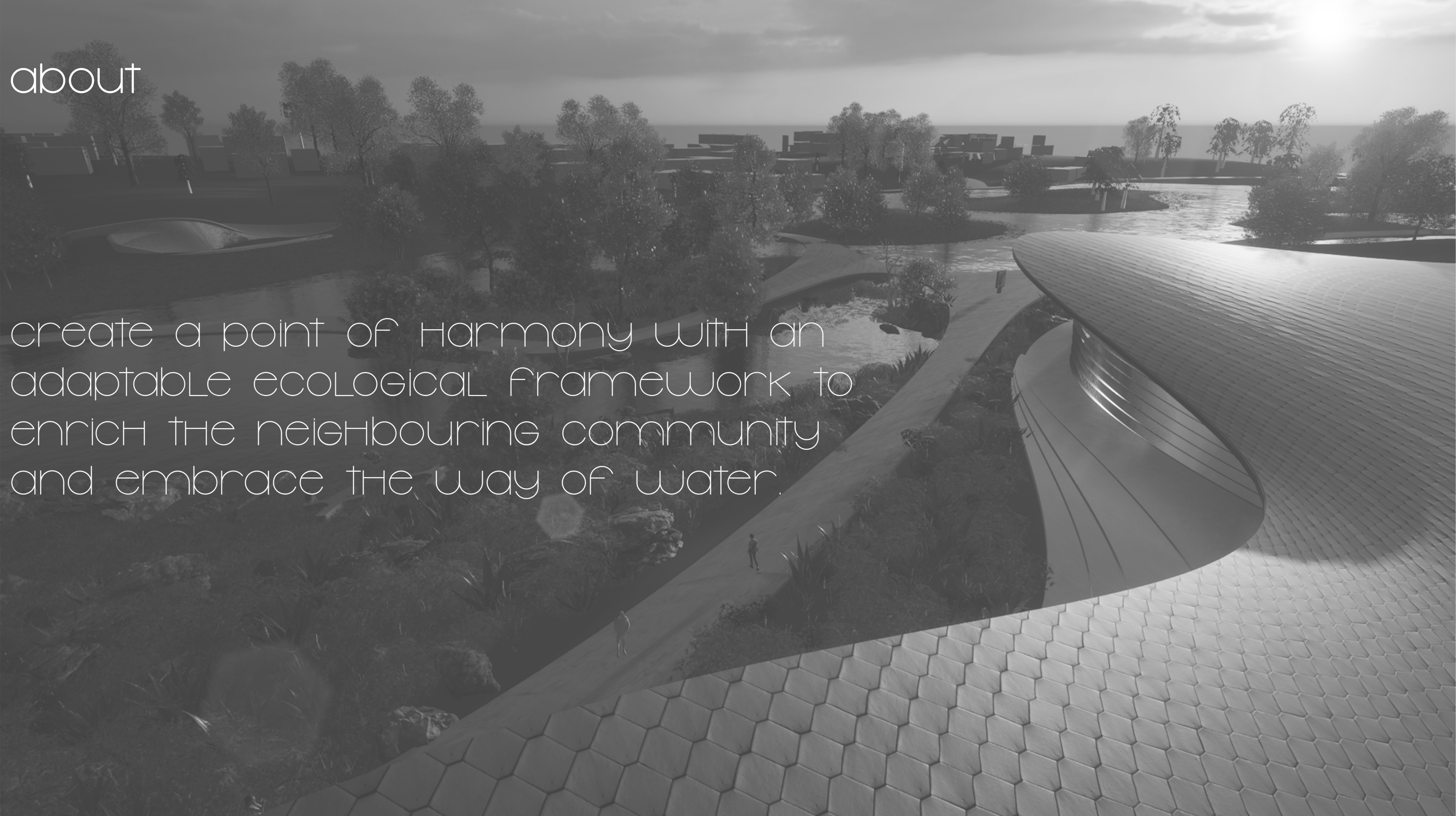


daniel s. m-ferreira  
noka wetland park



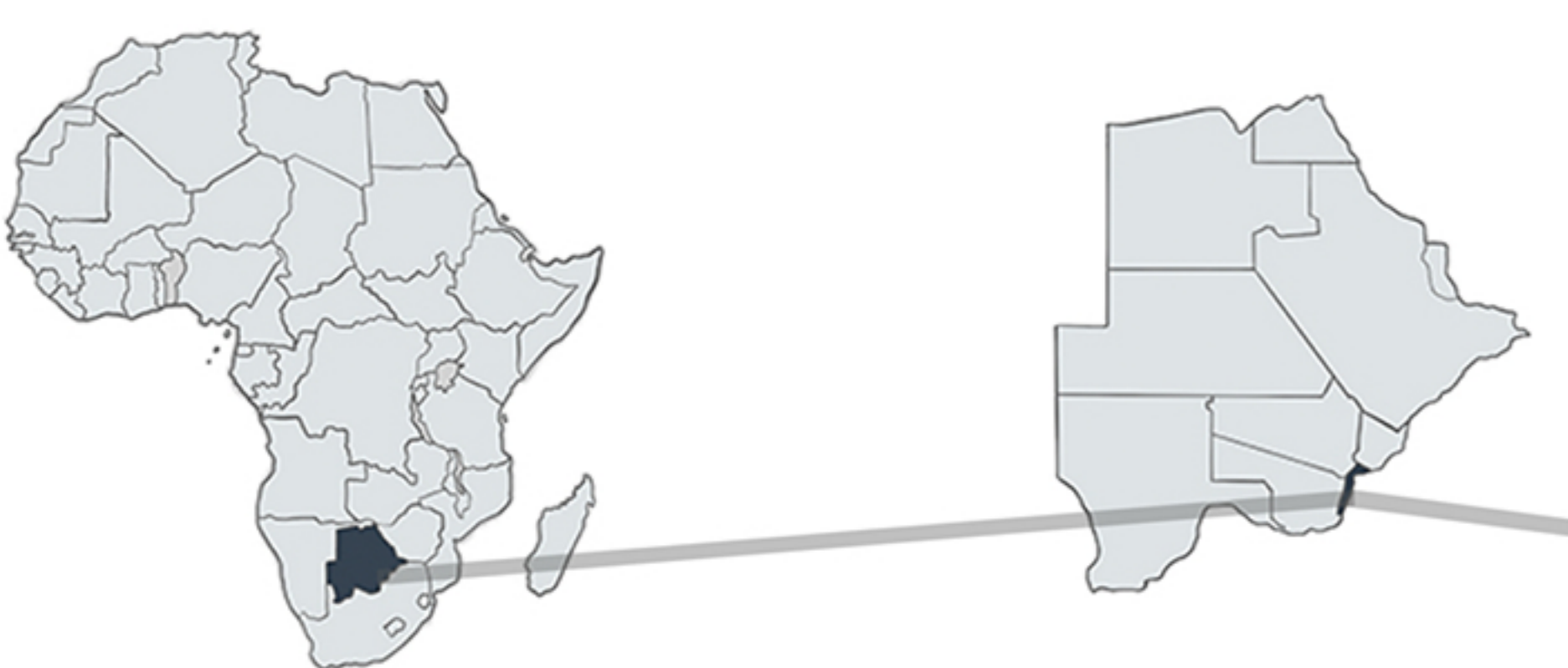
about

create a point of harmony with an adaptable ecological framework to enrich the neighbouring community and embrace the way of water.

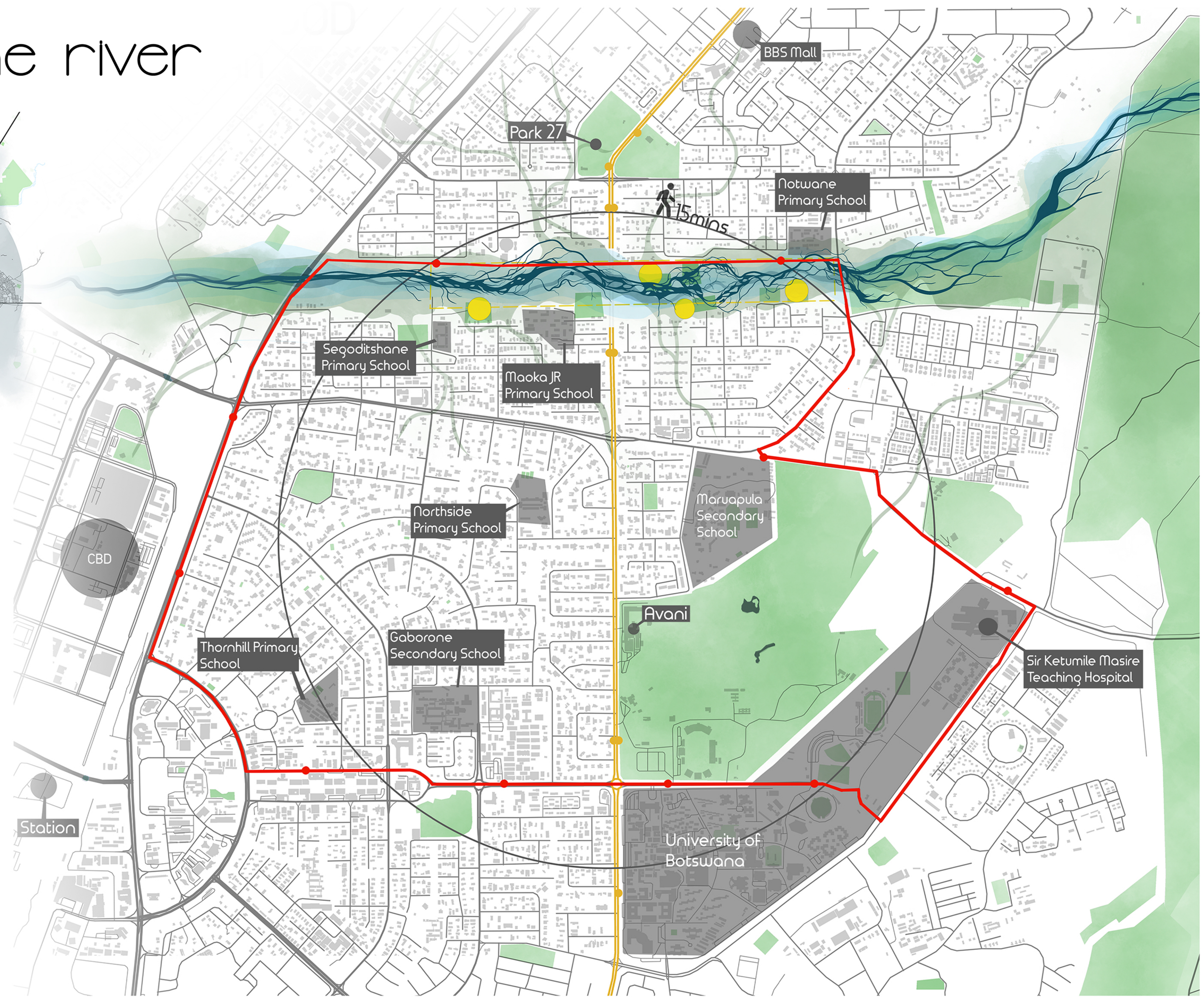
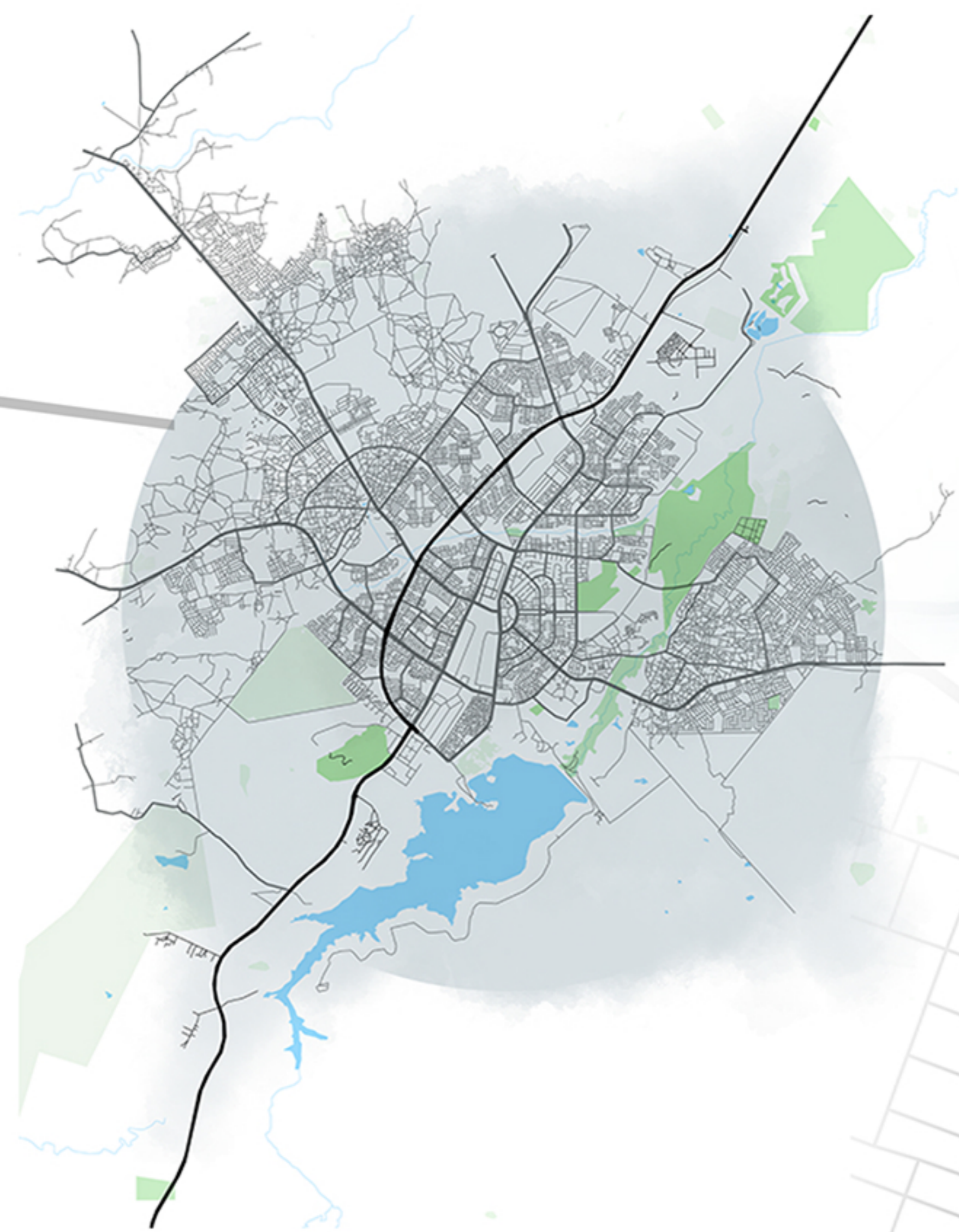




# Location: segoditshane river



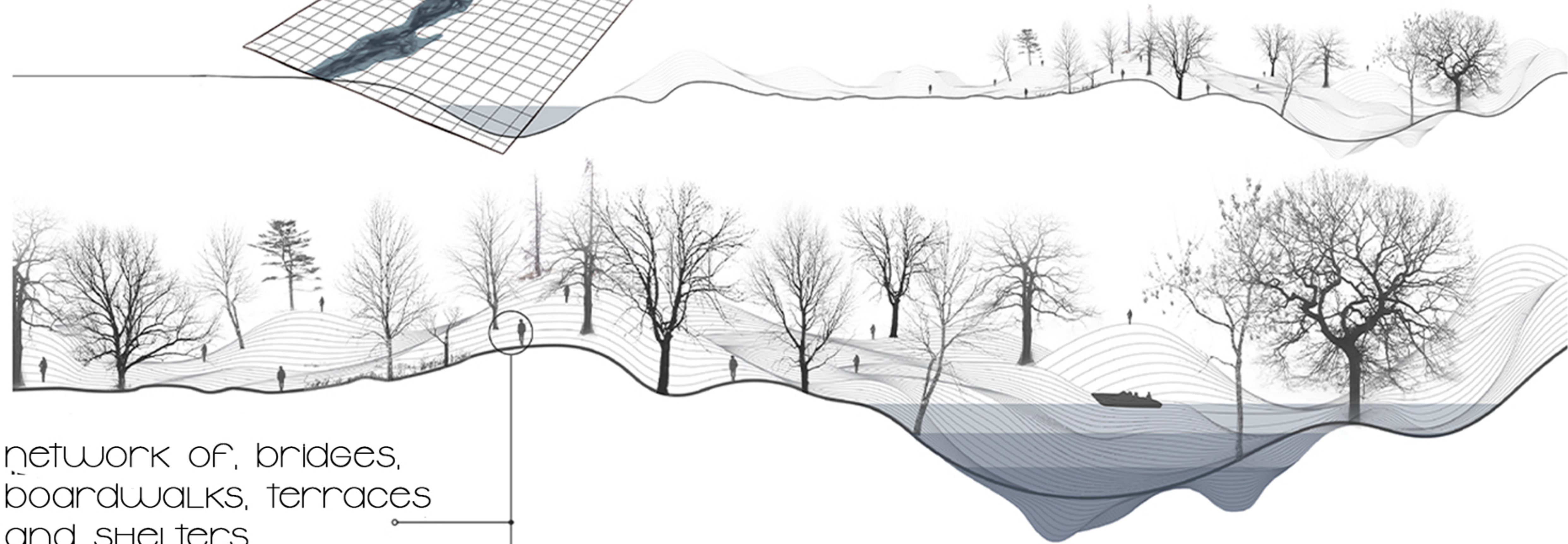
population: 270,000





# concepts mound

connect ecological advancements with cultural-activities



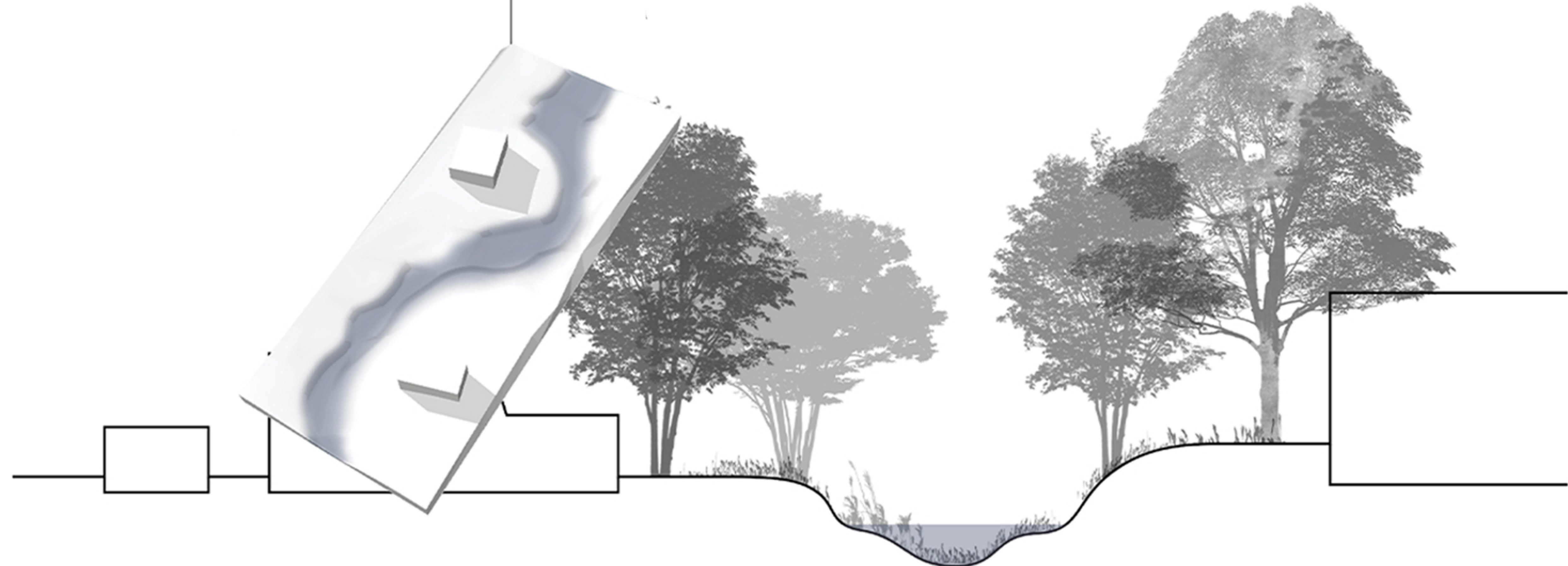
network of bridges, boardwalks, terraces and shelters



terrace

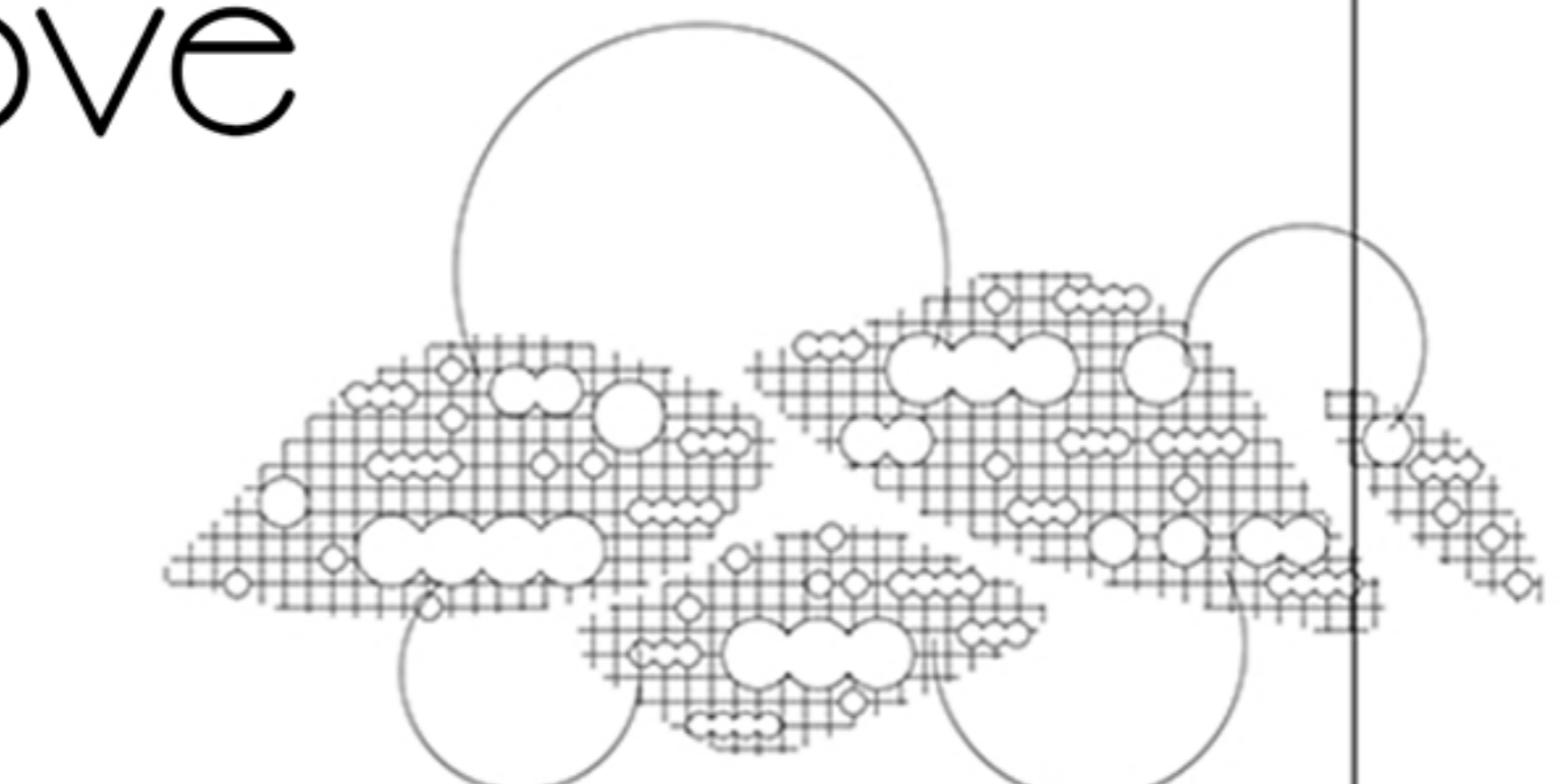
# creek

water-interactive neighborhood



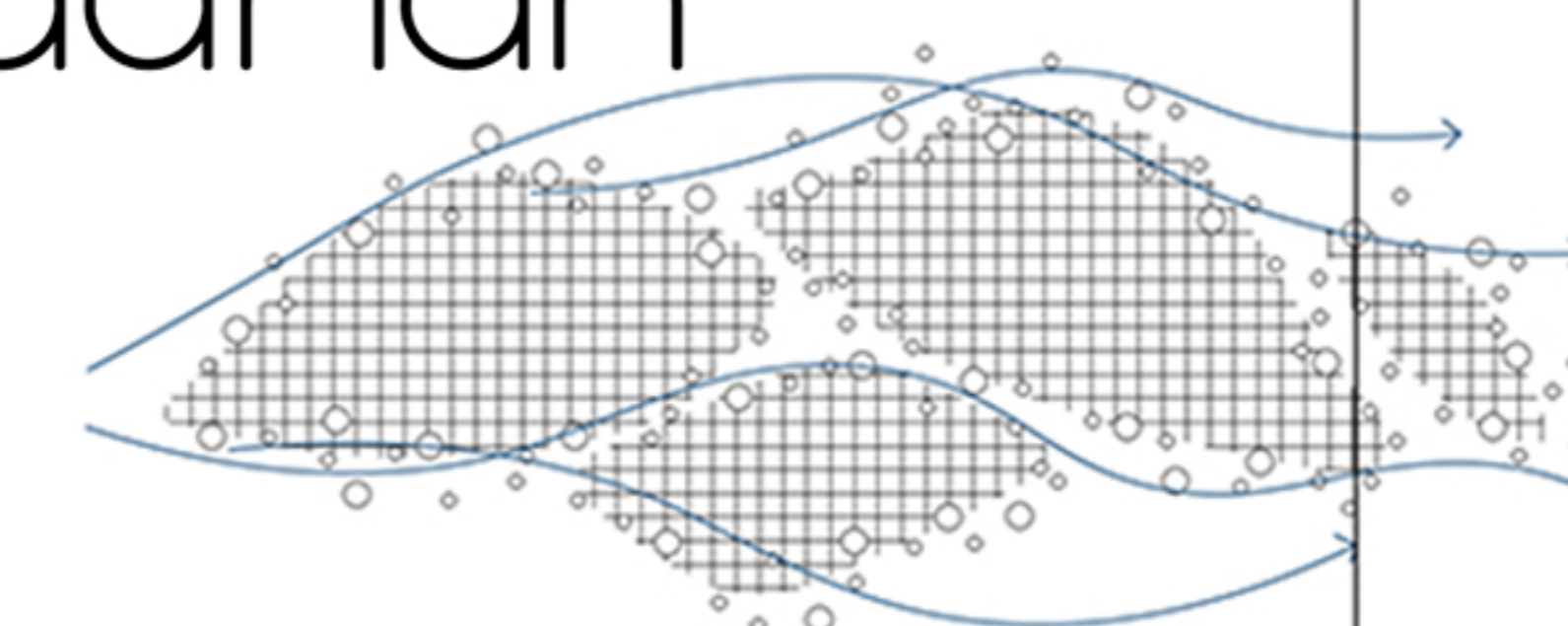
# grove

seed transport through both wind and water



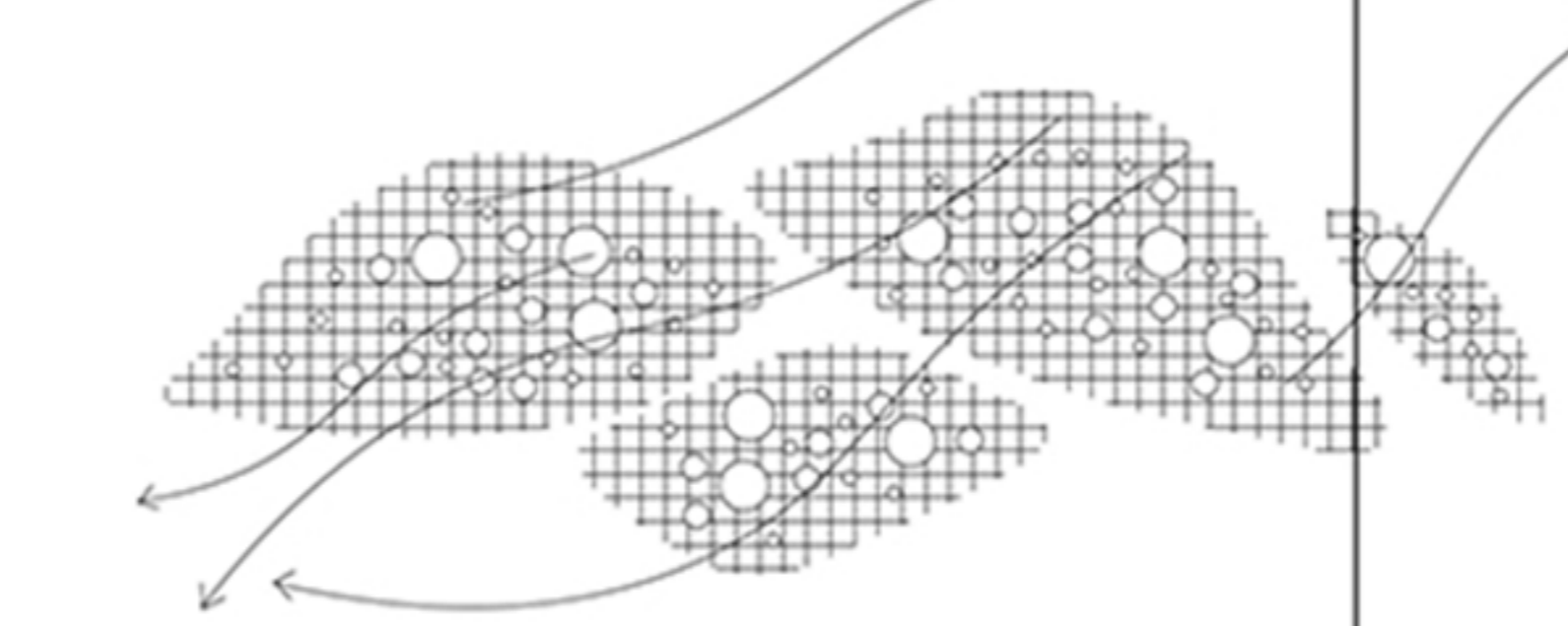
# aquatic/riparian

seed transport through water

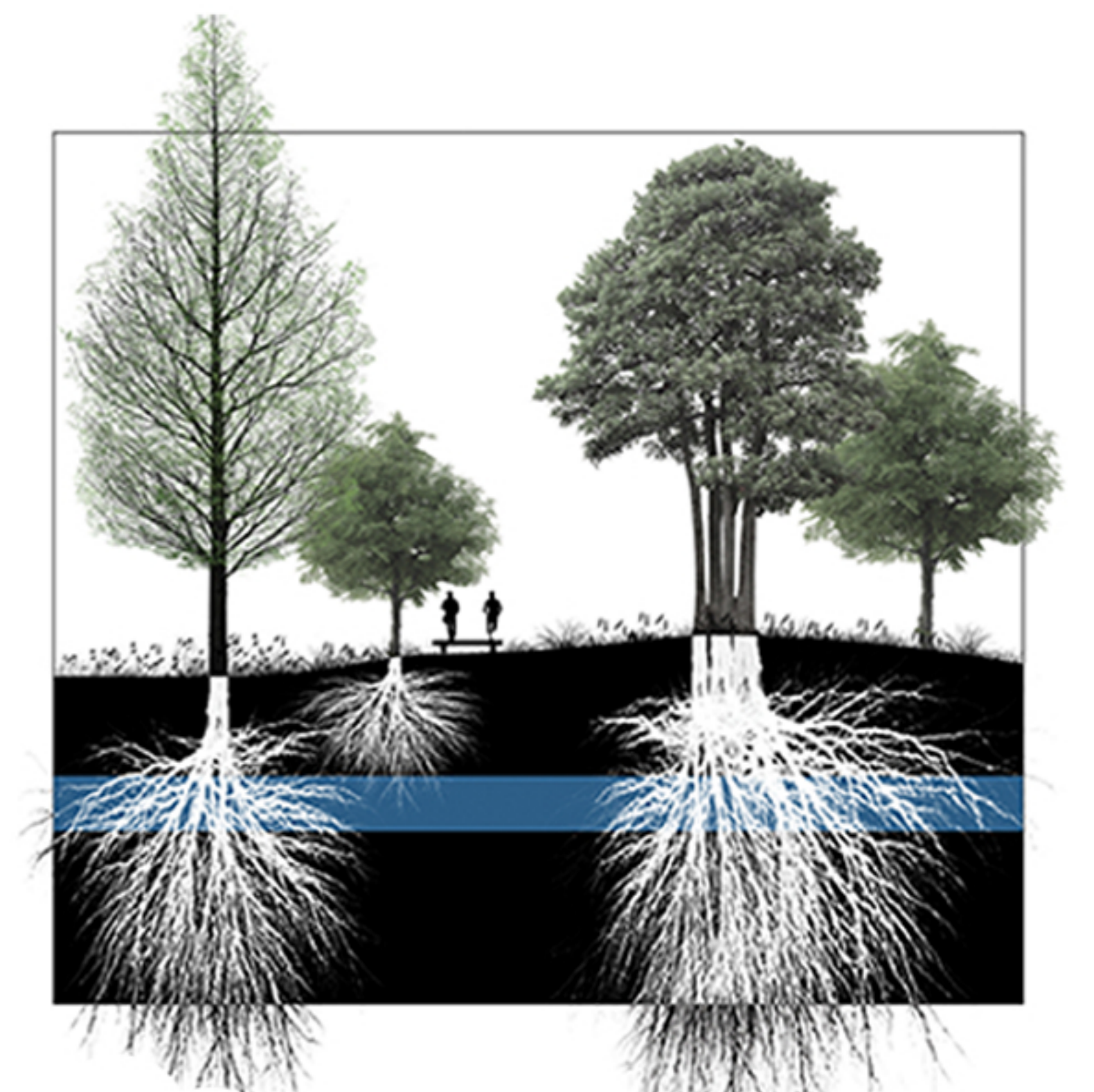
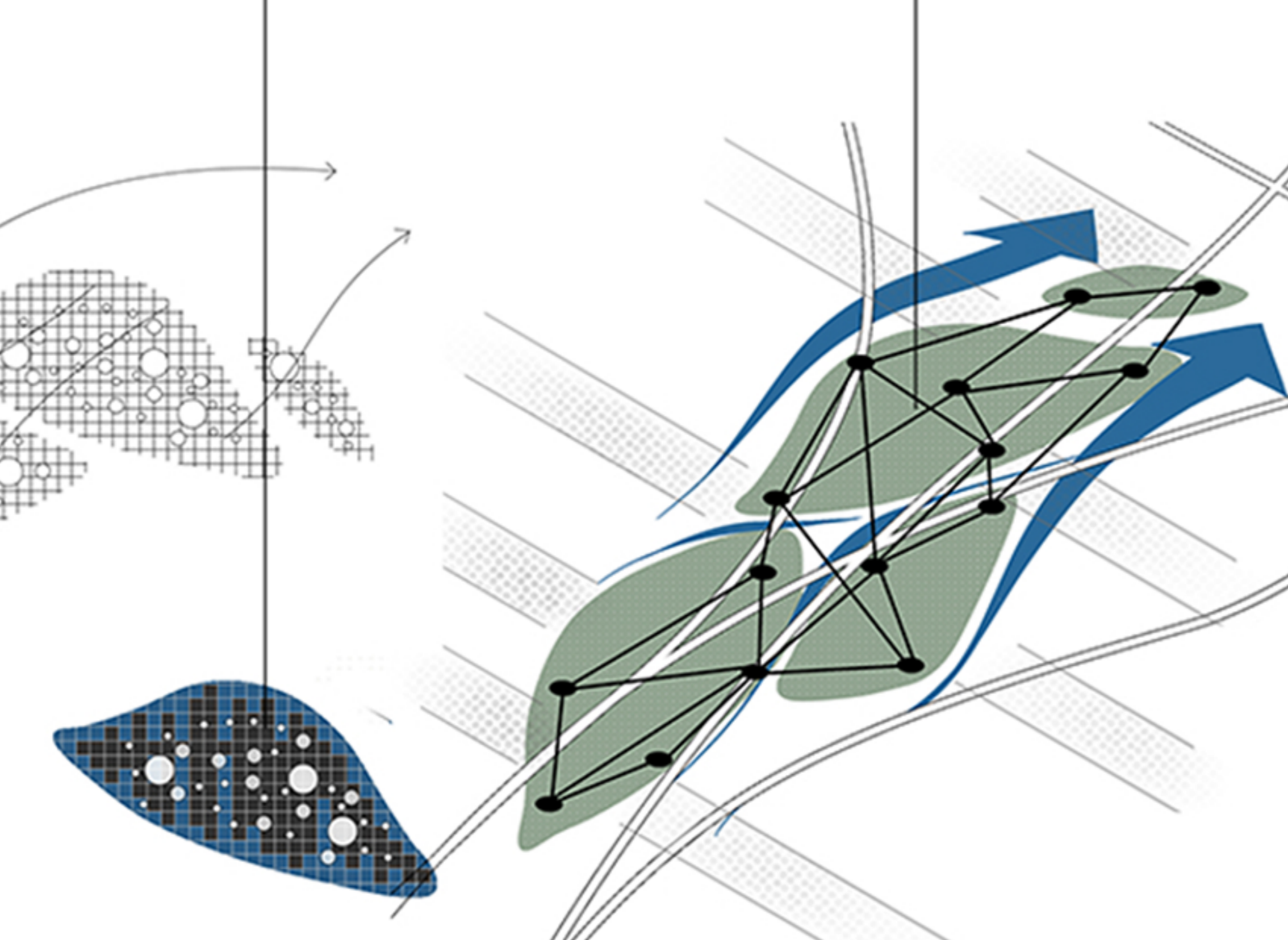
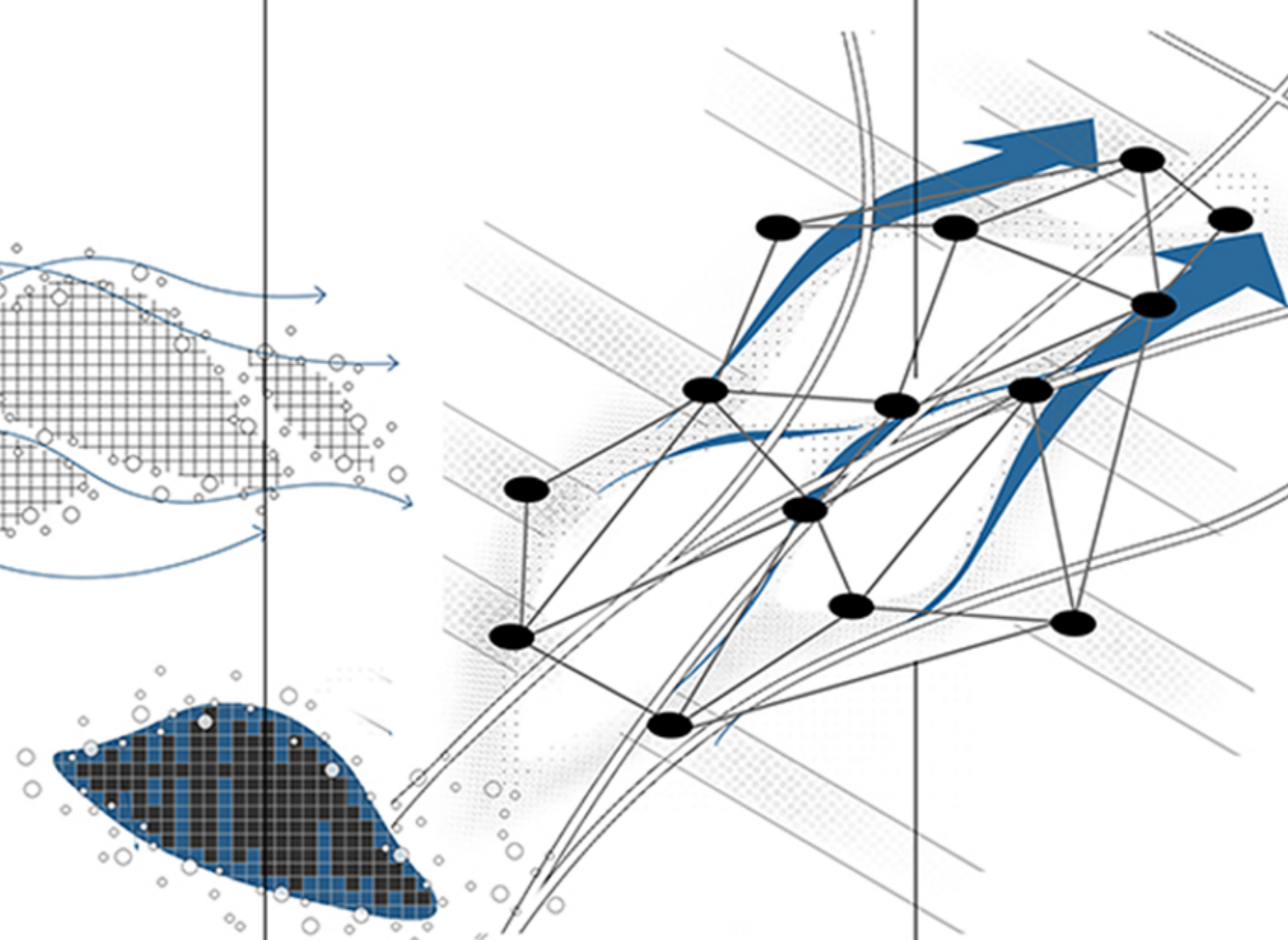
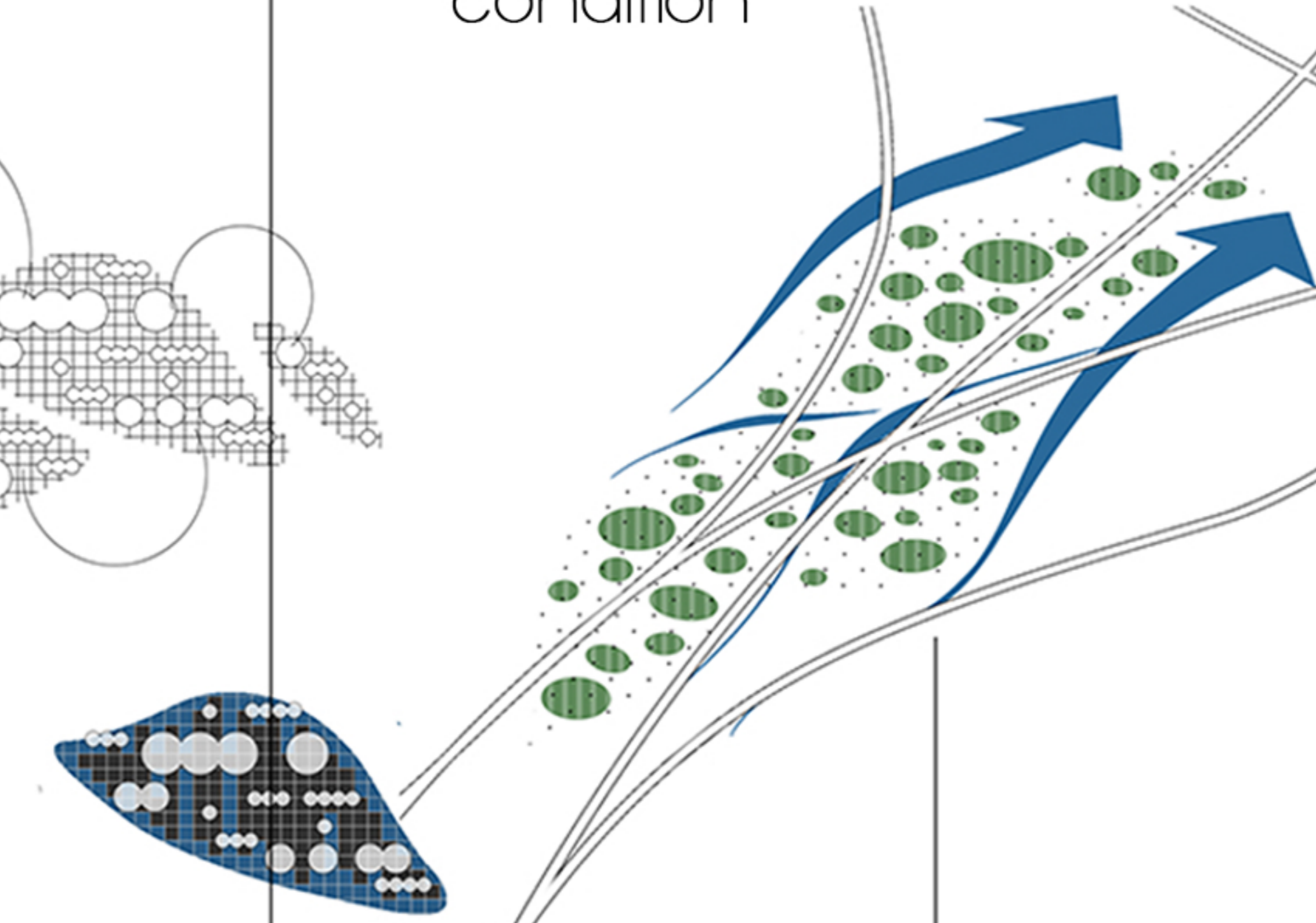


# prairie

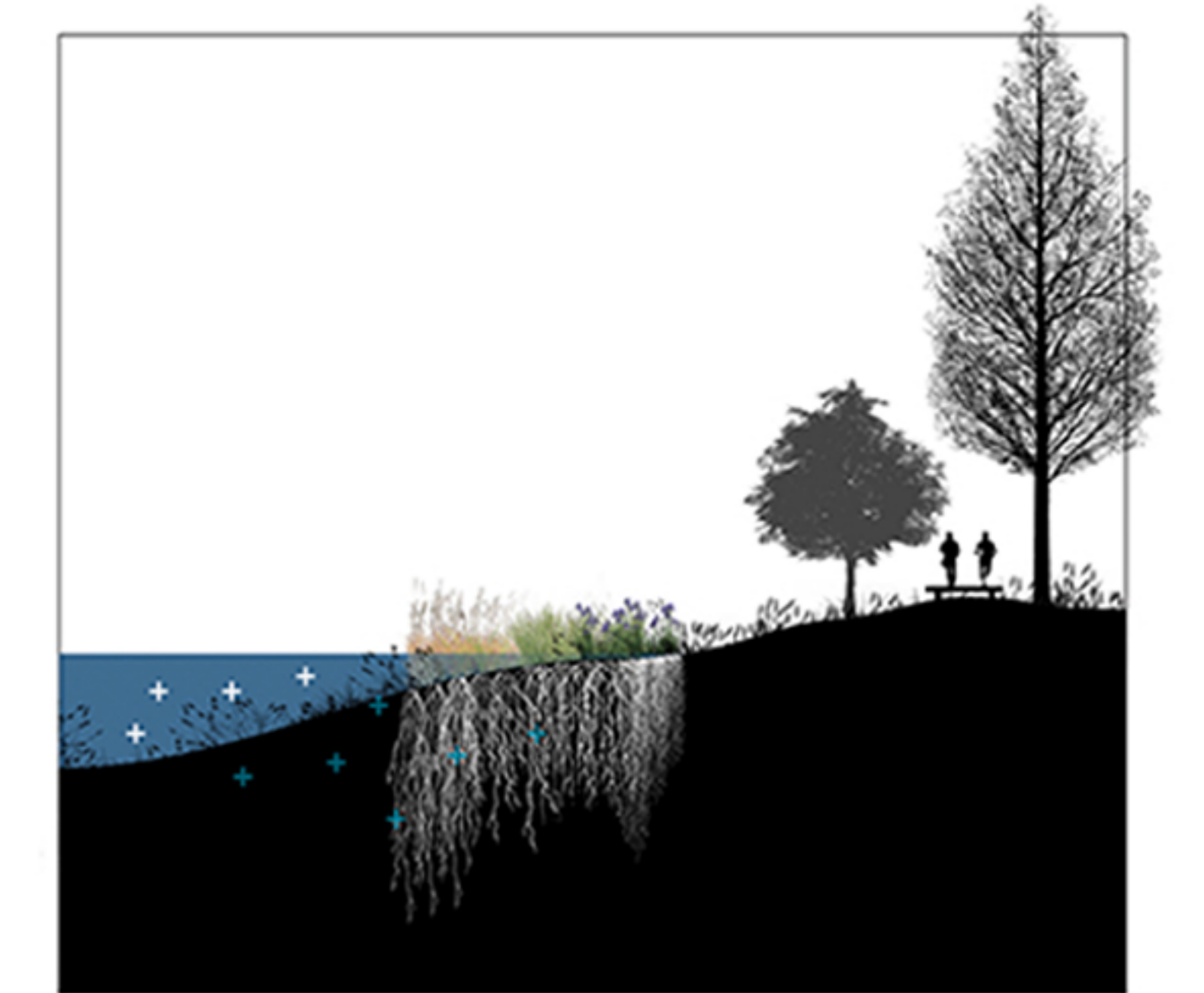
seed transport through winds



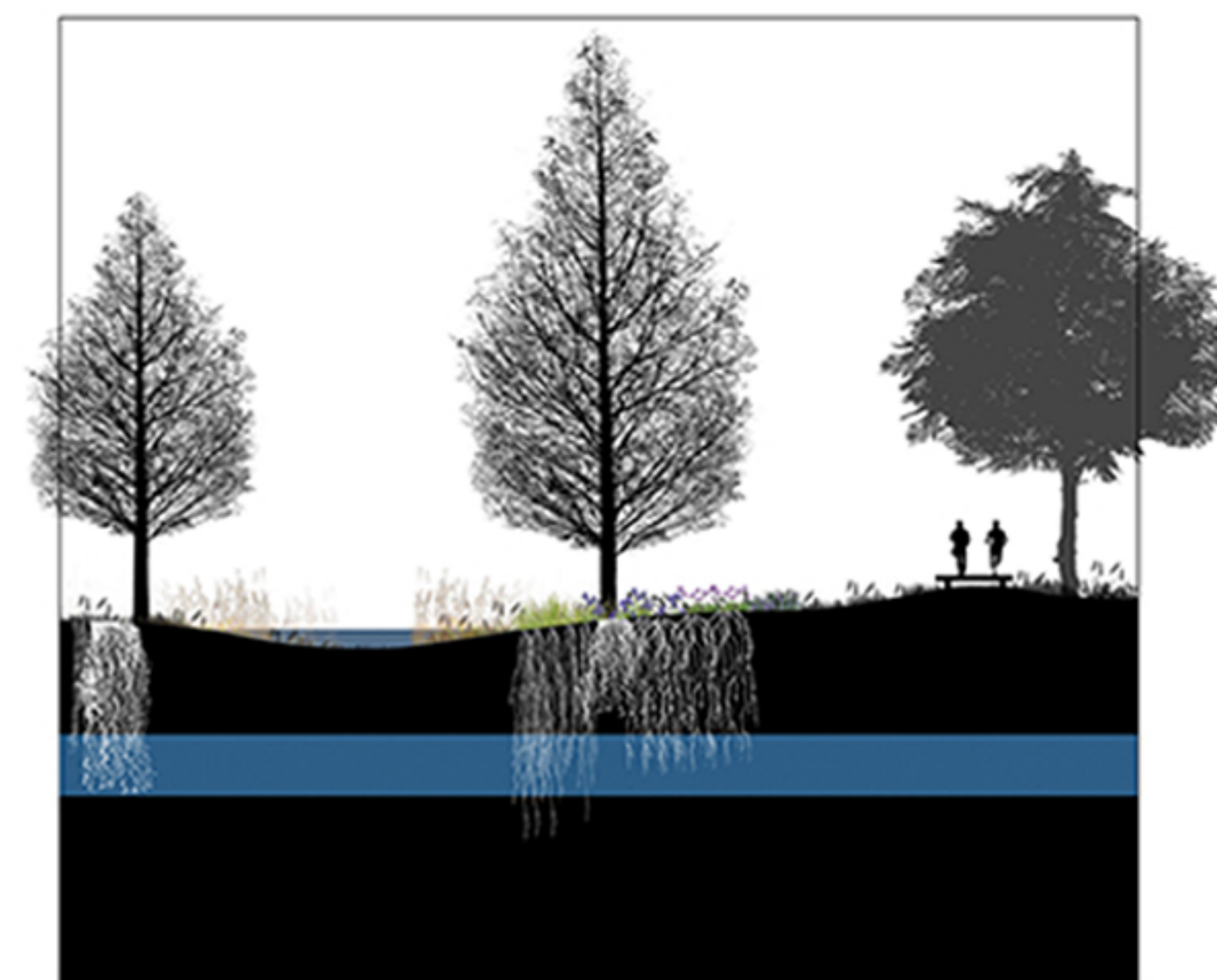
site conditions in typical flooded condition



water loving tree species on river banks



enhance water quality



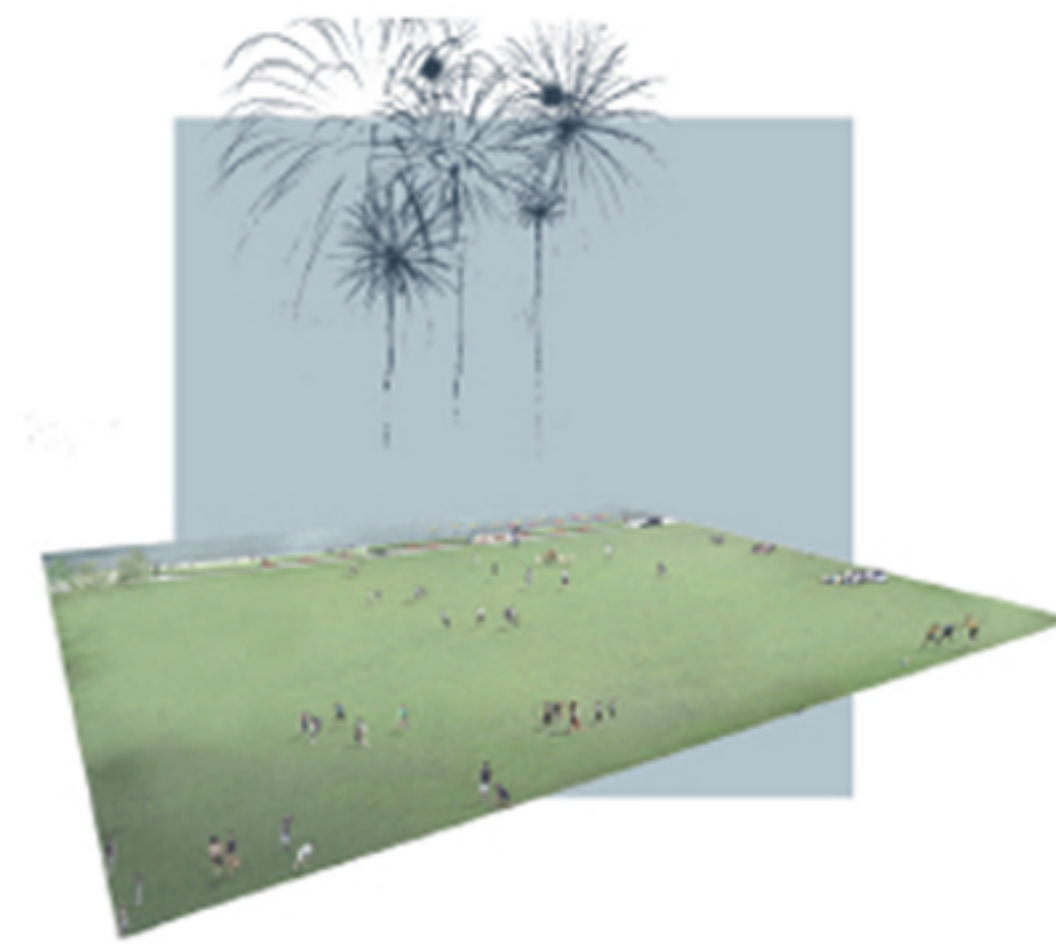
sights for tourists



program



Boardwalks



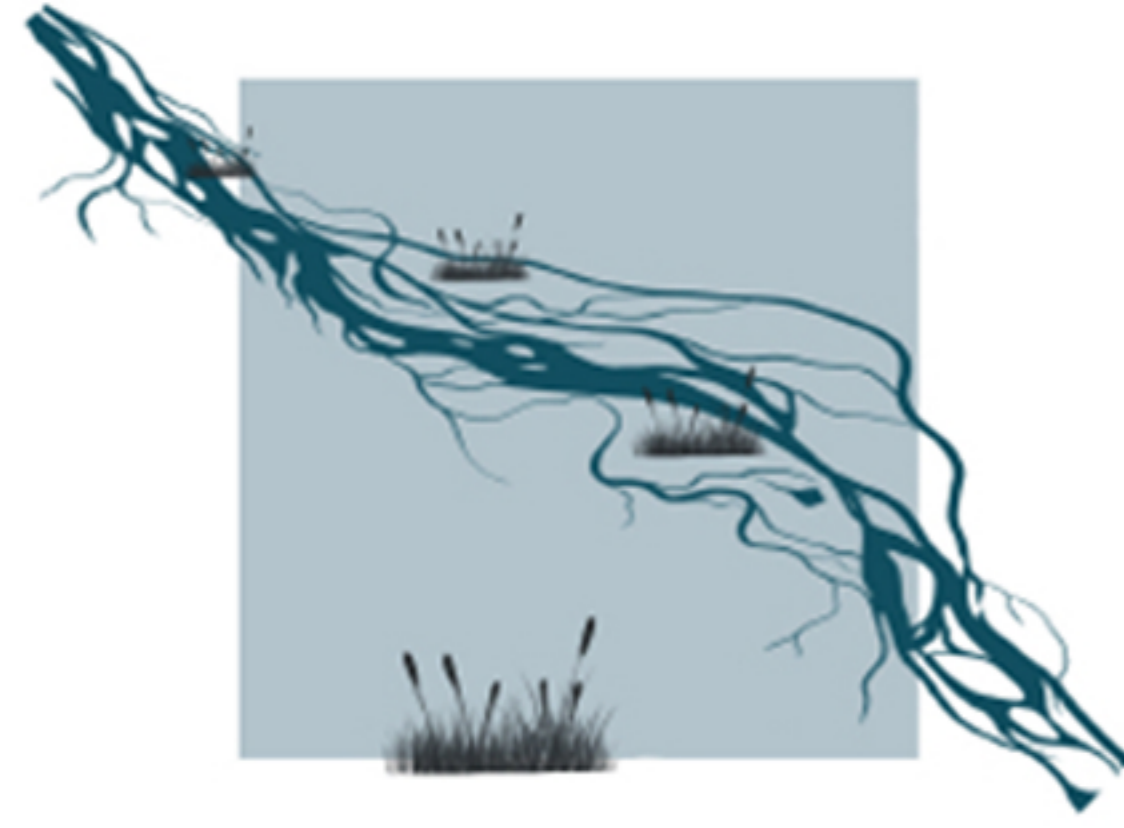
Event Space



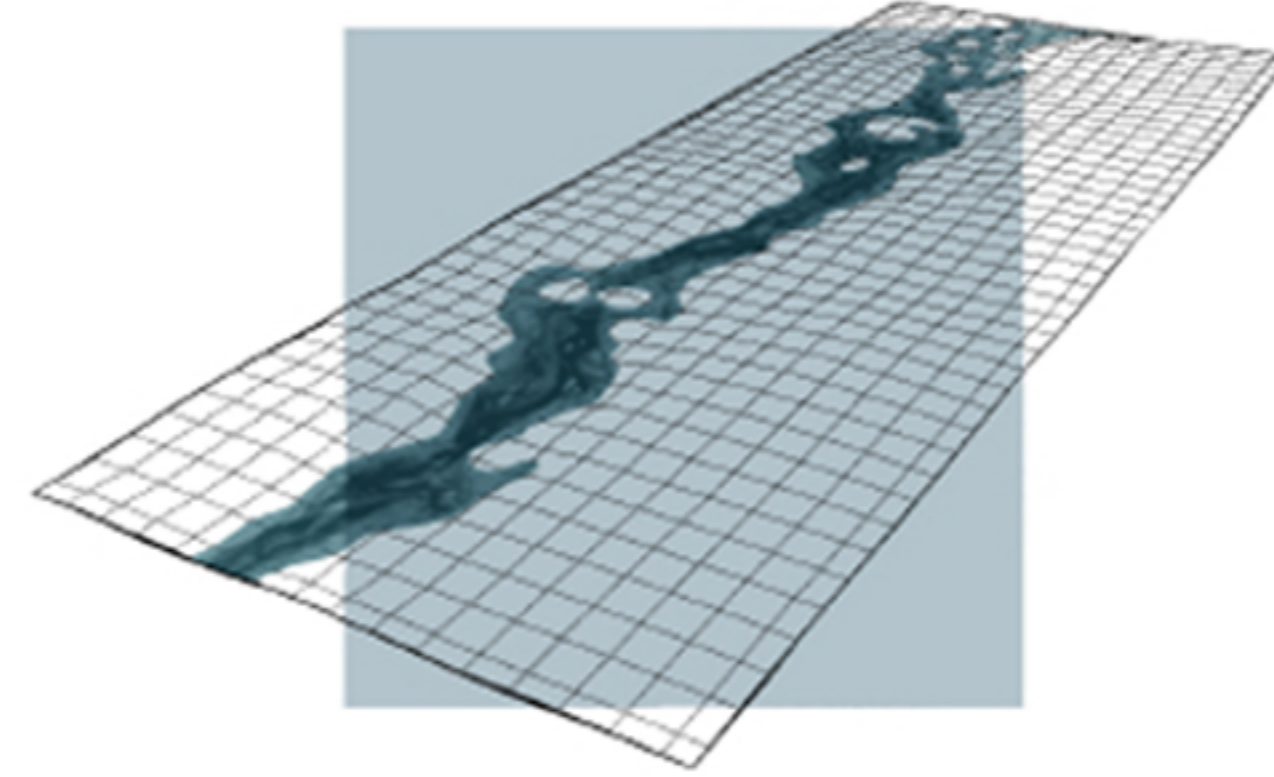
Commercial

# Habitat types

water



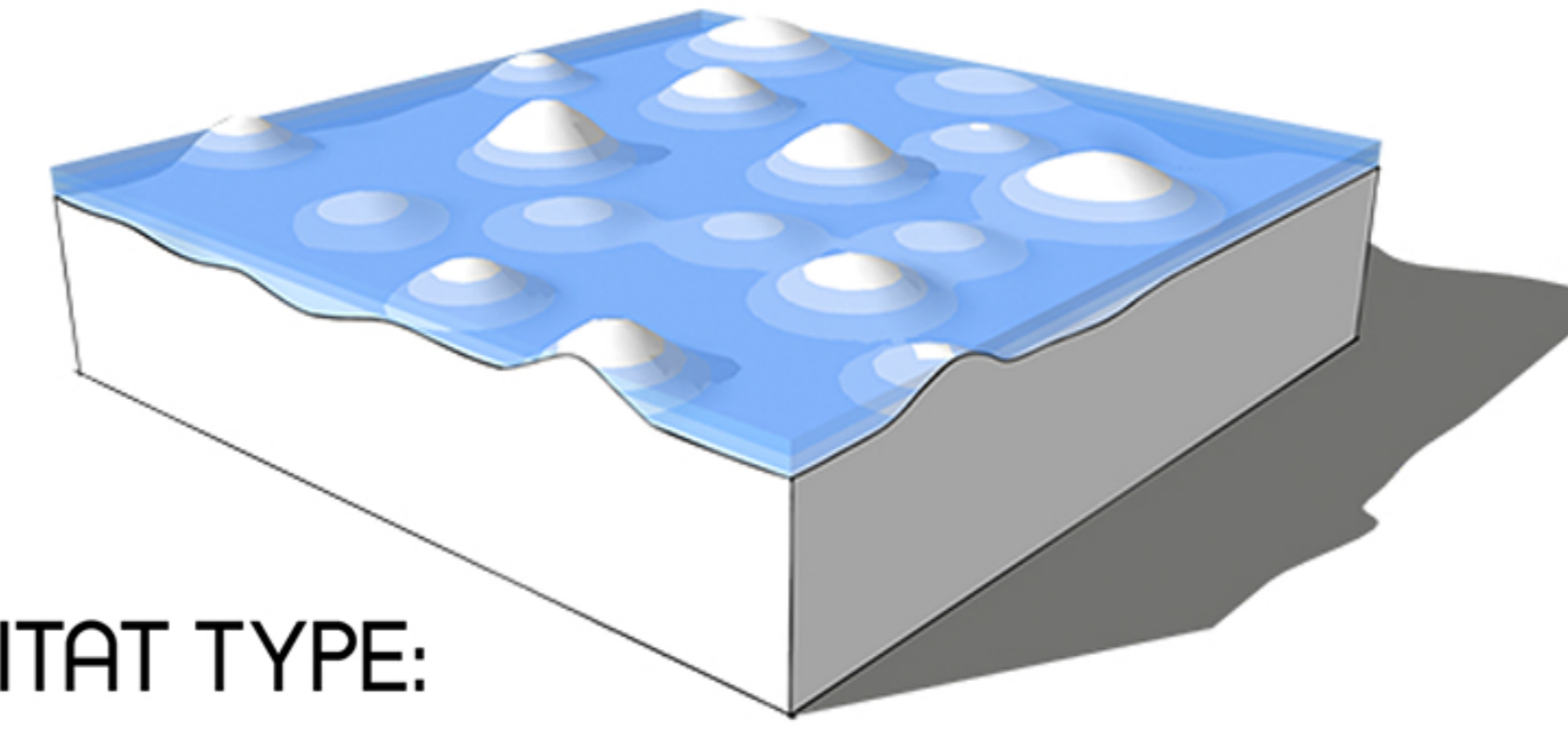
Bring Back Wetland



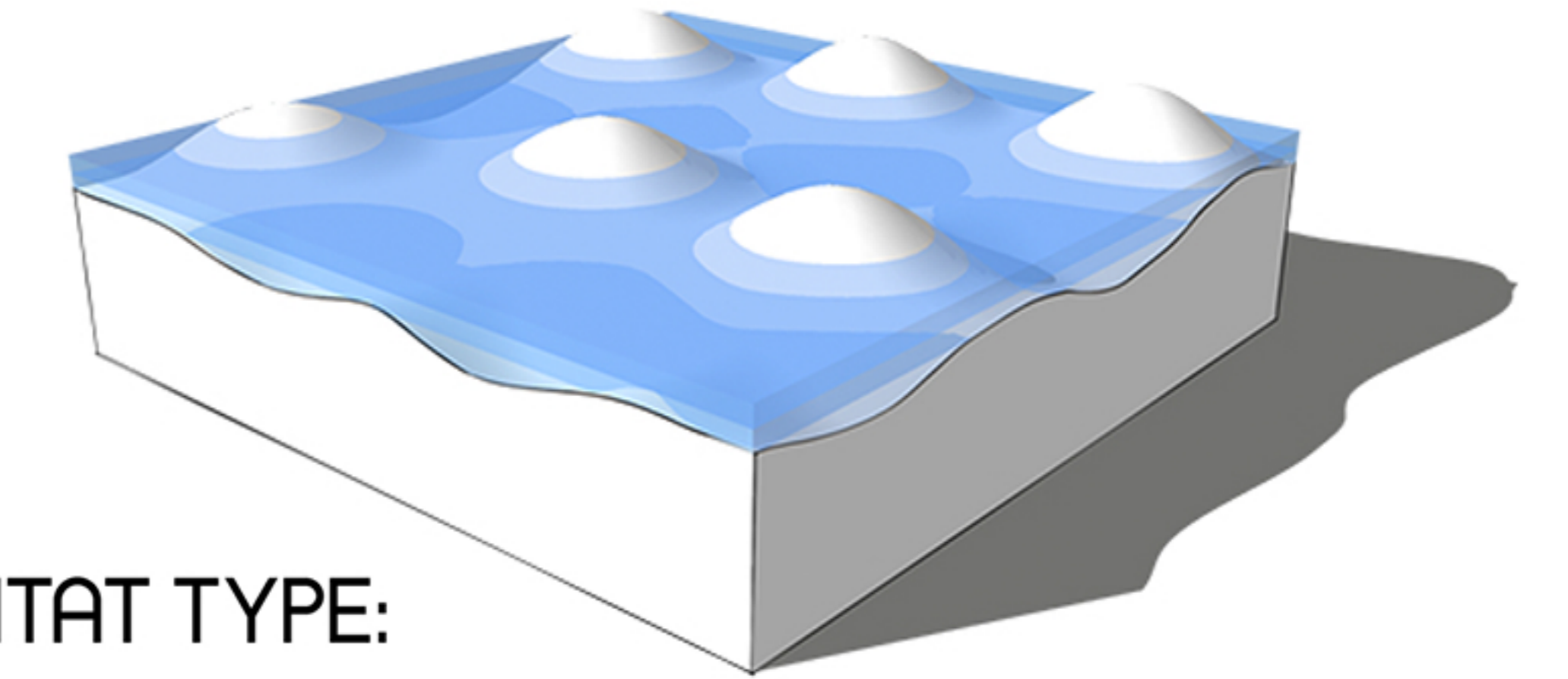
Controlled Flooding



Let Water In

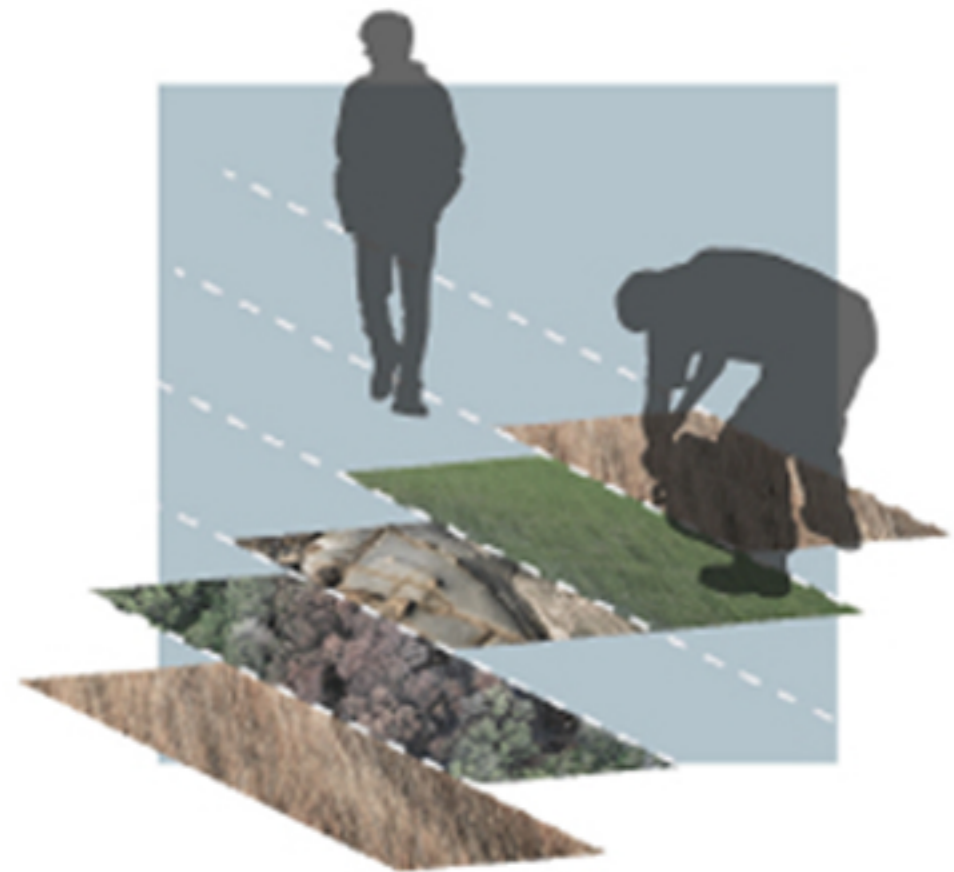


HABITAT TYPE:  
Aquatic  
Deep Emergent Wetland  
Seasonal Shallow Wetland



HABITAT TYPE:  
Aquatic  
Emergent Wetland  
Wet Meadow

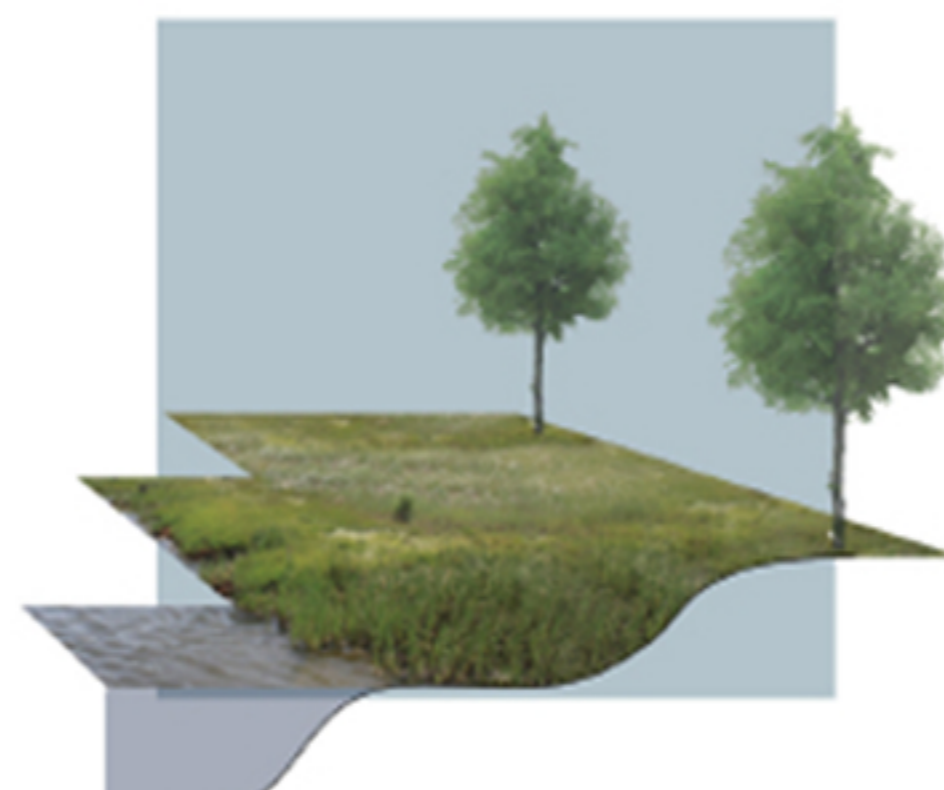
ecology



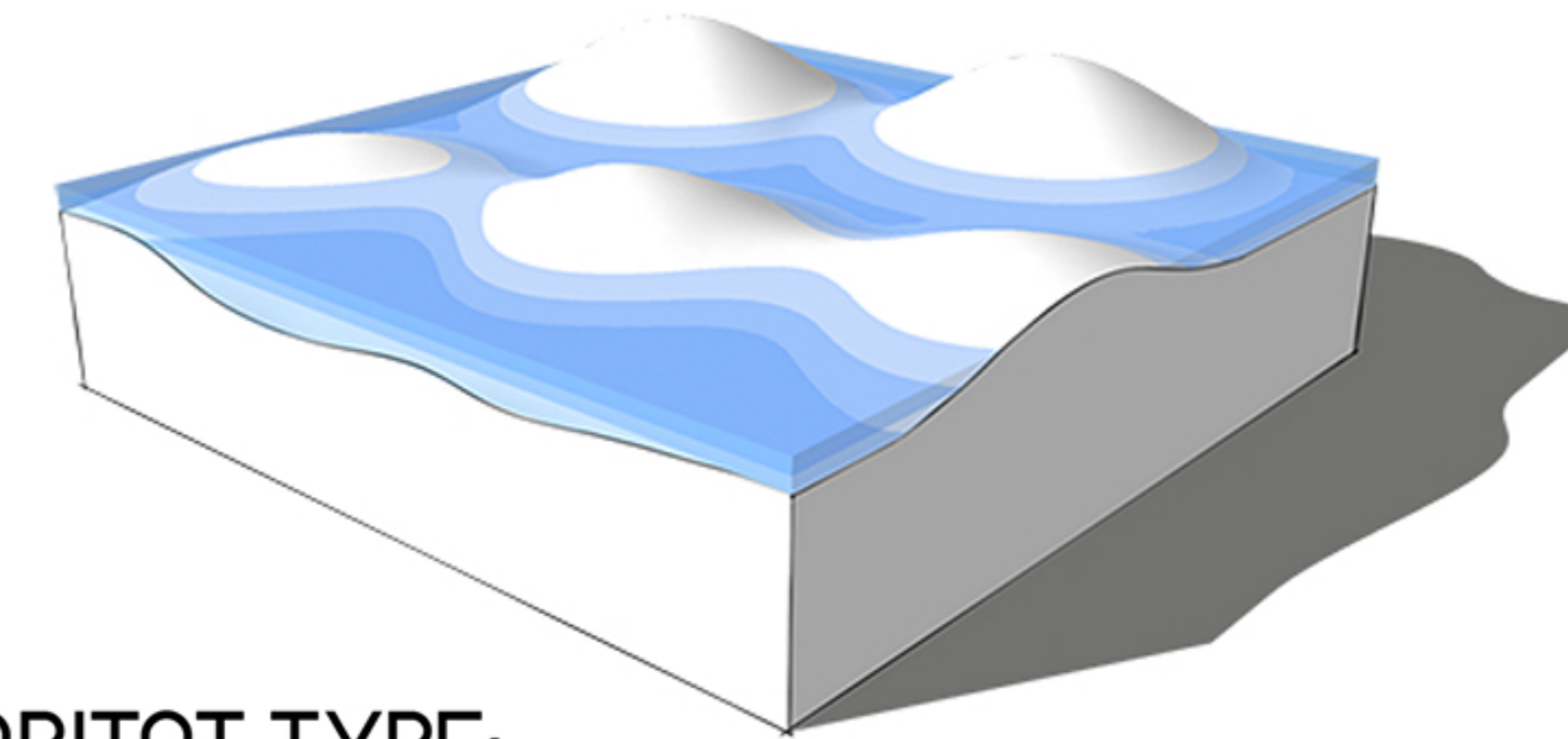
Urban Agriculture



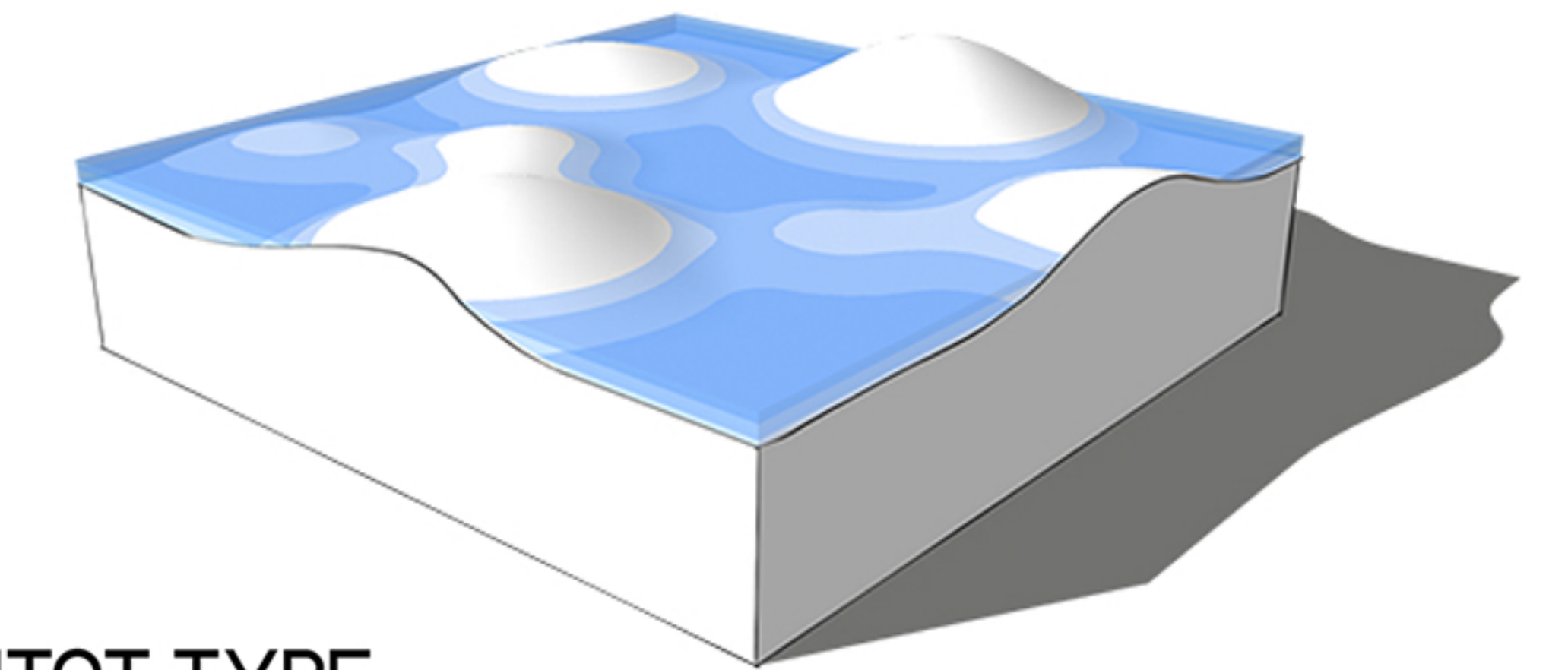
Urban Reforestation



Aquatic & Riparian

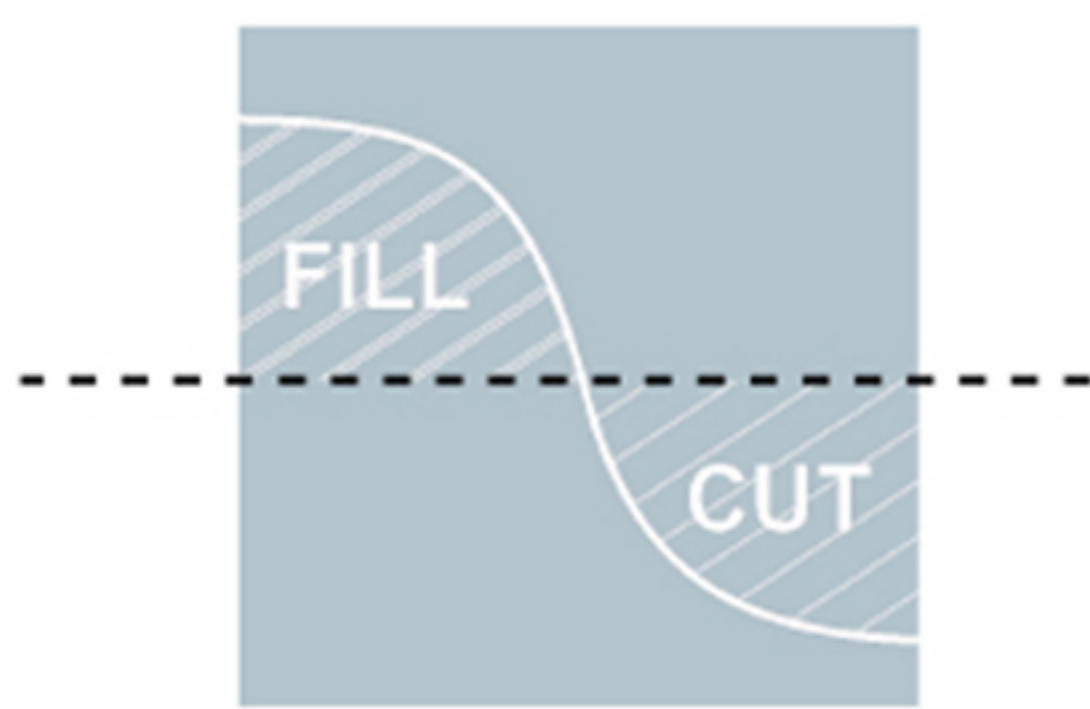


HABITAT TYPE:  
Deep Emergent Wetland  
Forested Wetland + upland

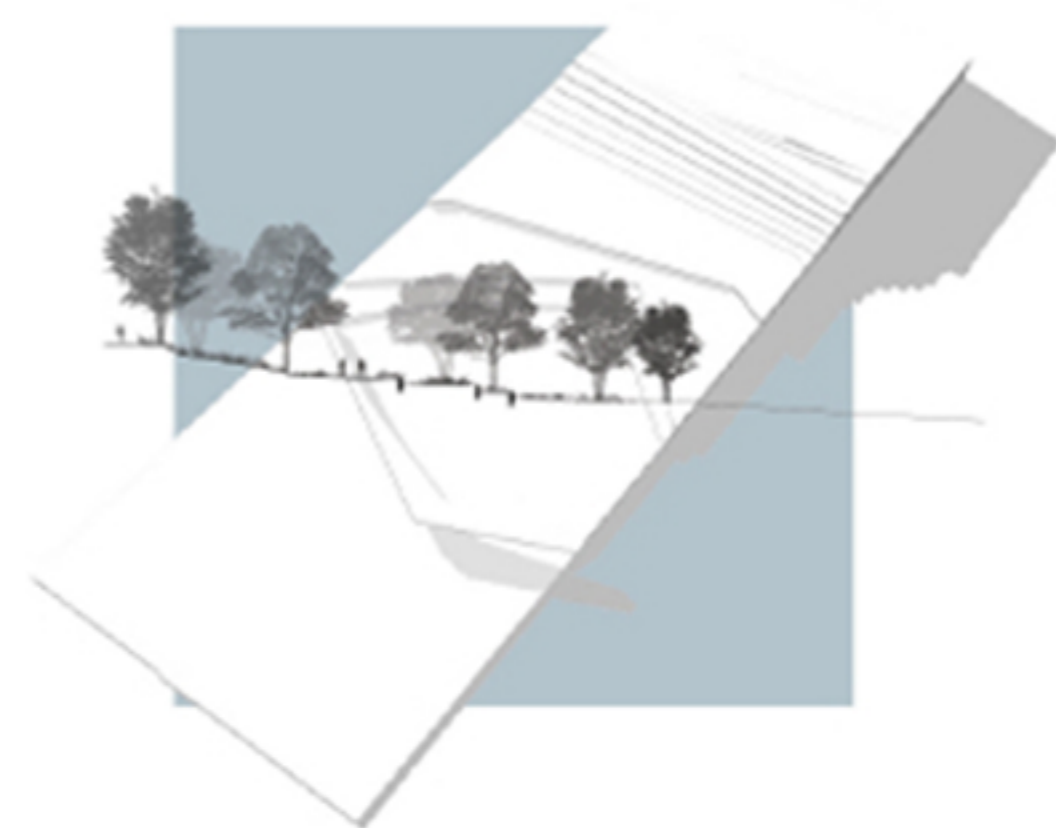


HABITAT TYPE:  
Wet Meadow  
Forested Wetland + Upland

earth work



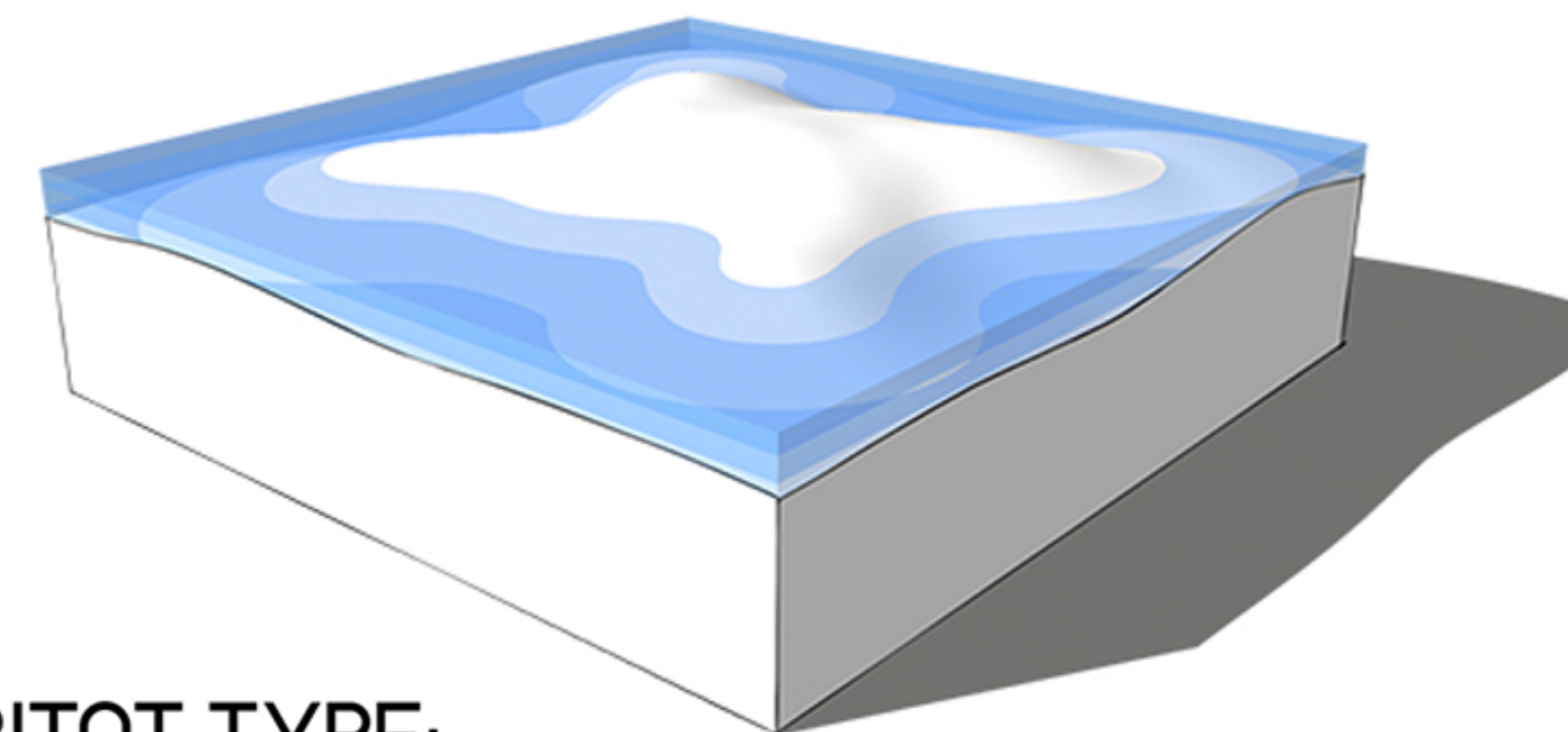
Balanced Cut & Fill



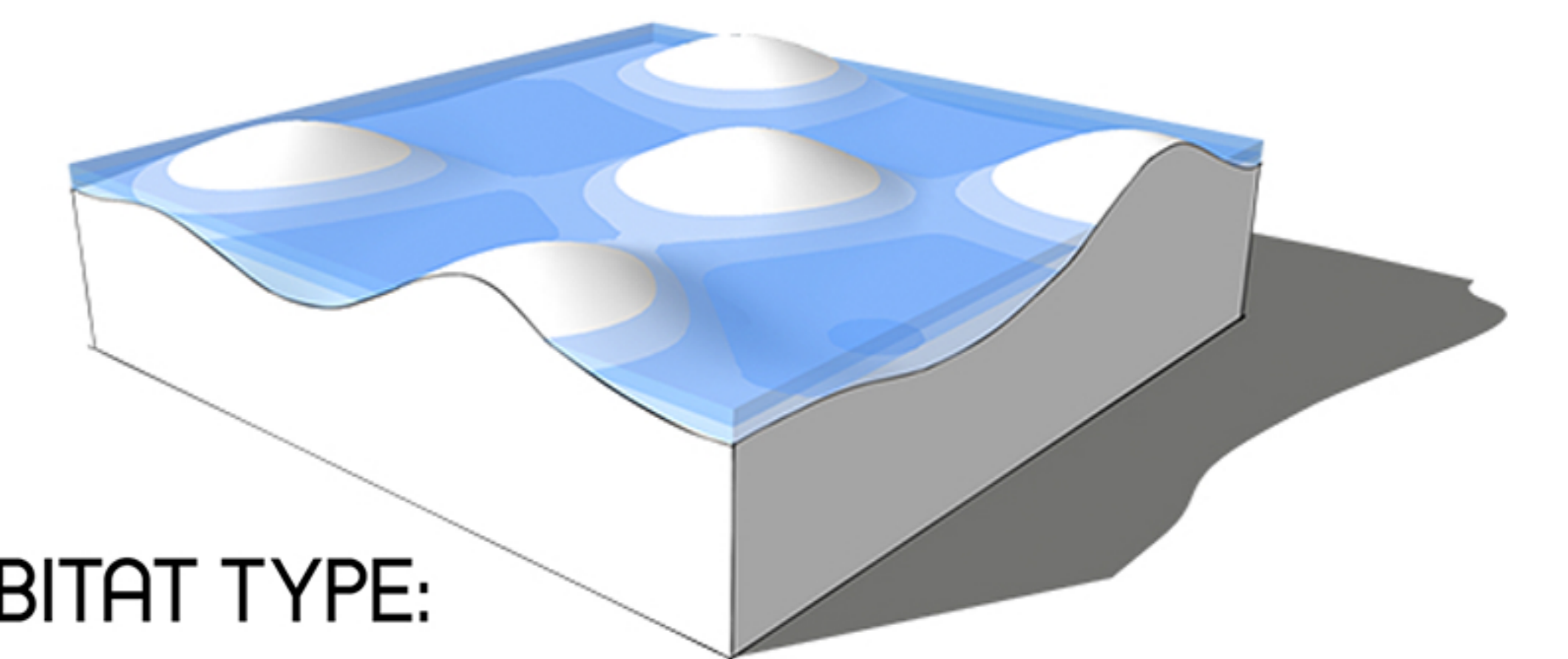
Terraces



Bank Stabilization

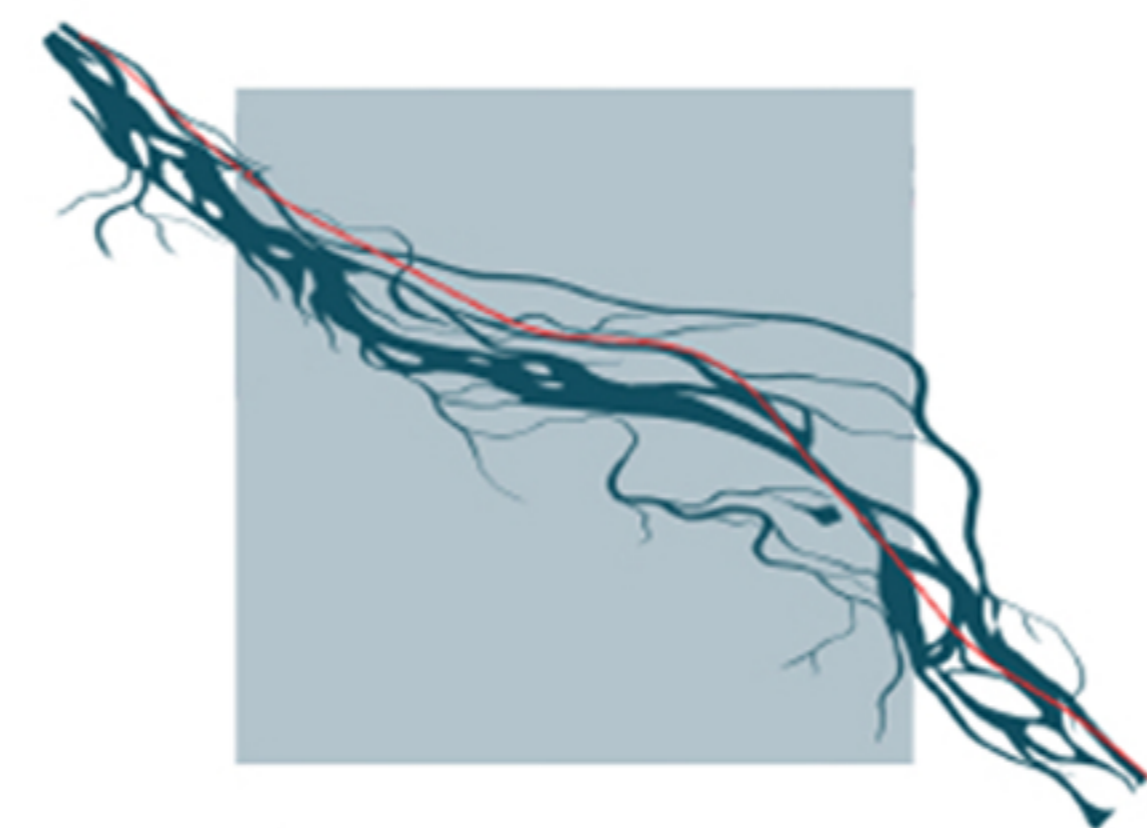
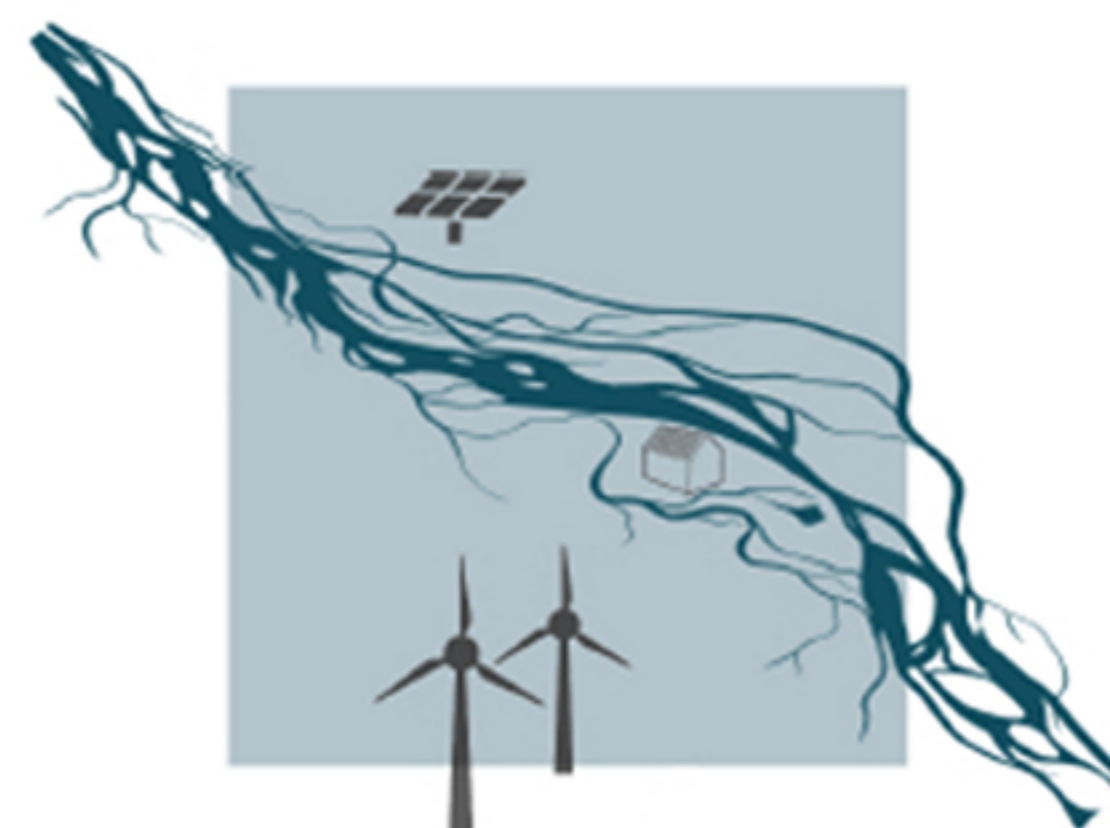
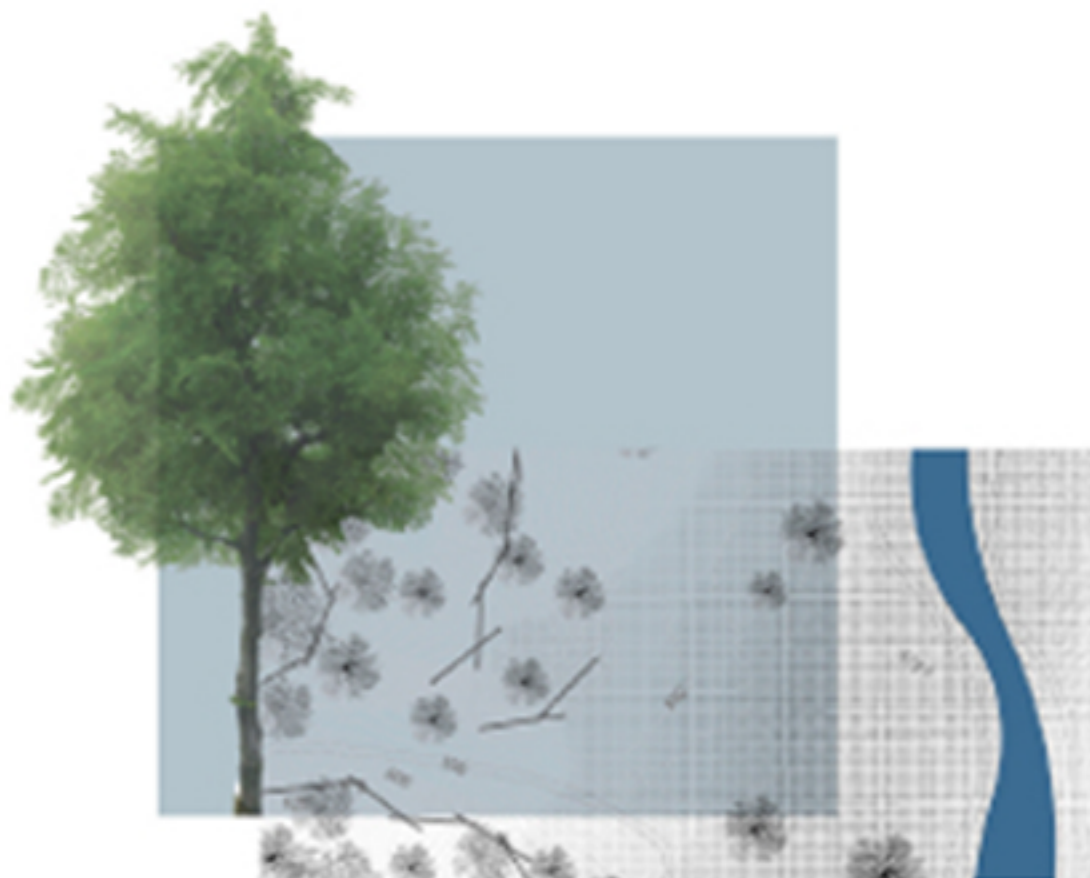


HABITAT TYPE:  
Aquatic  
Emergent Wetland  
Forested Wetland



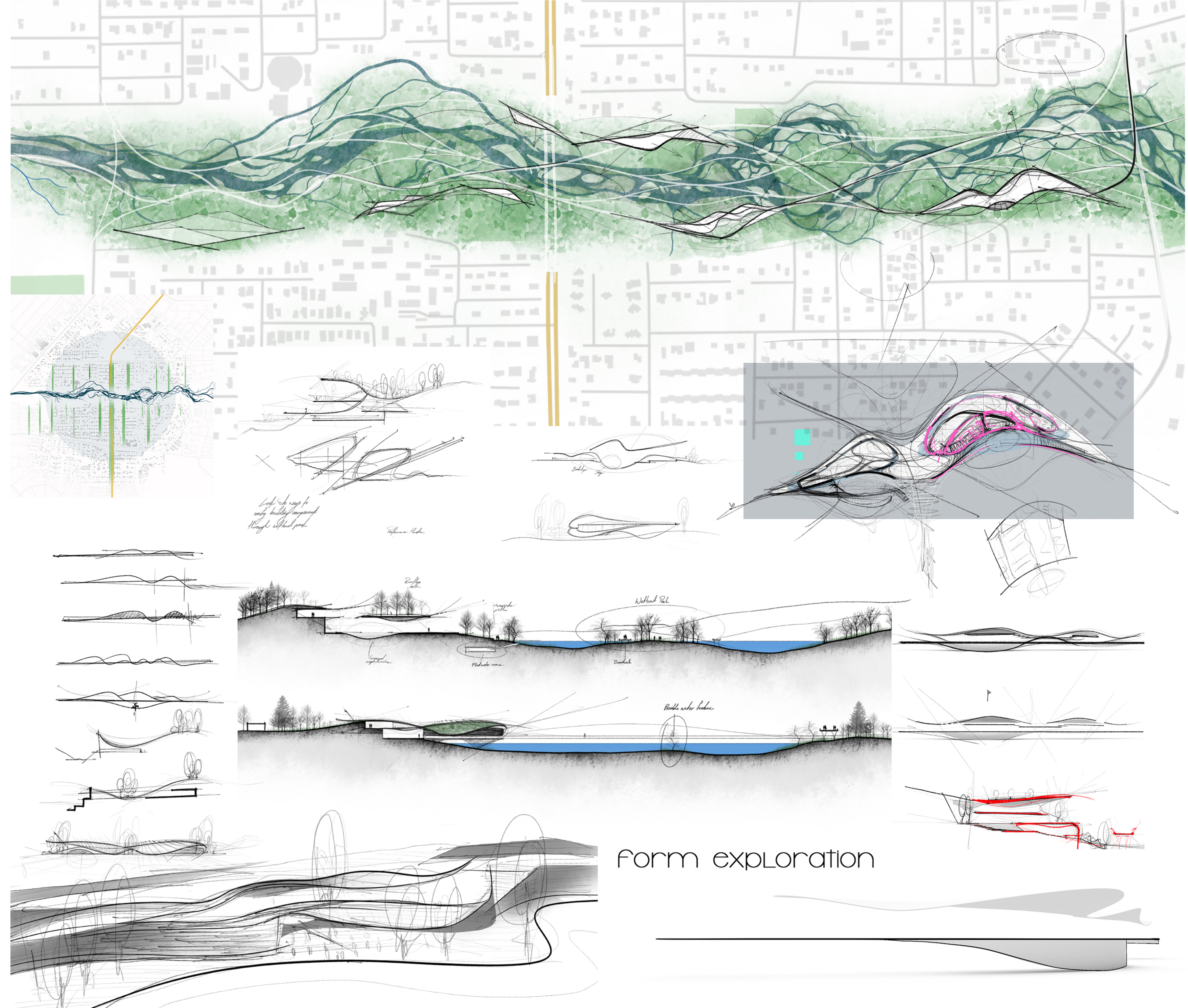
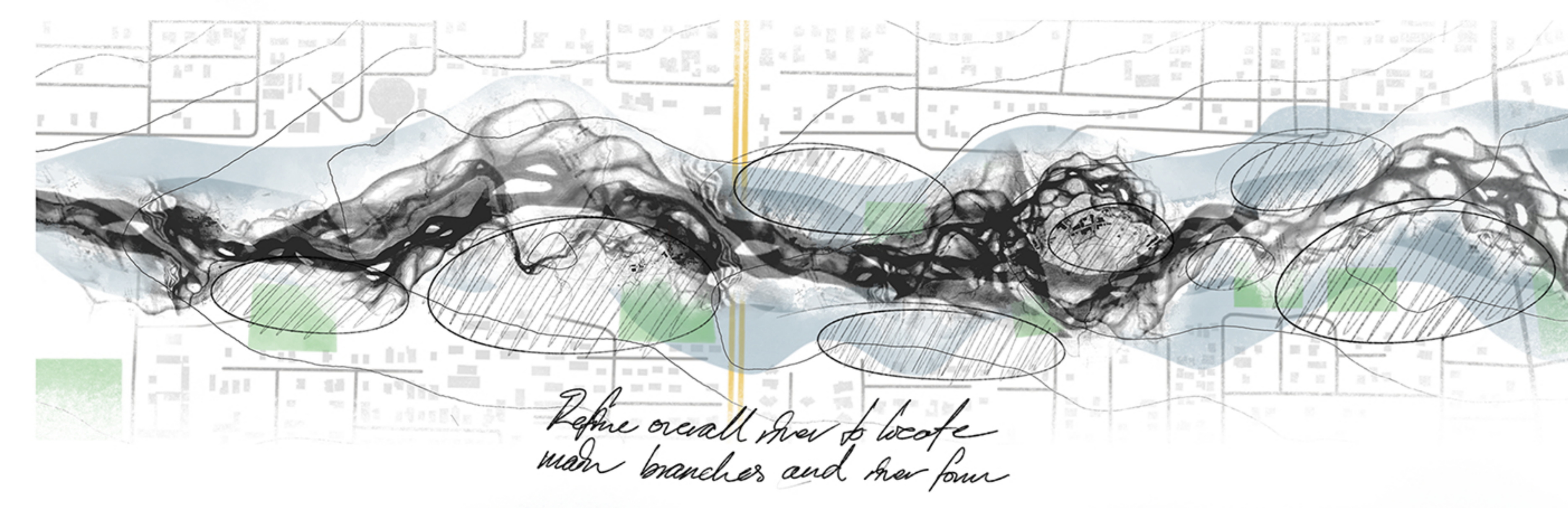
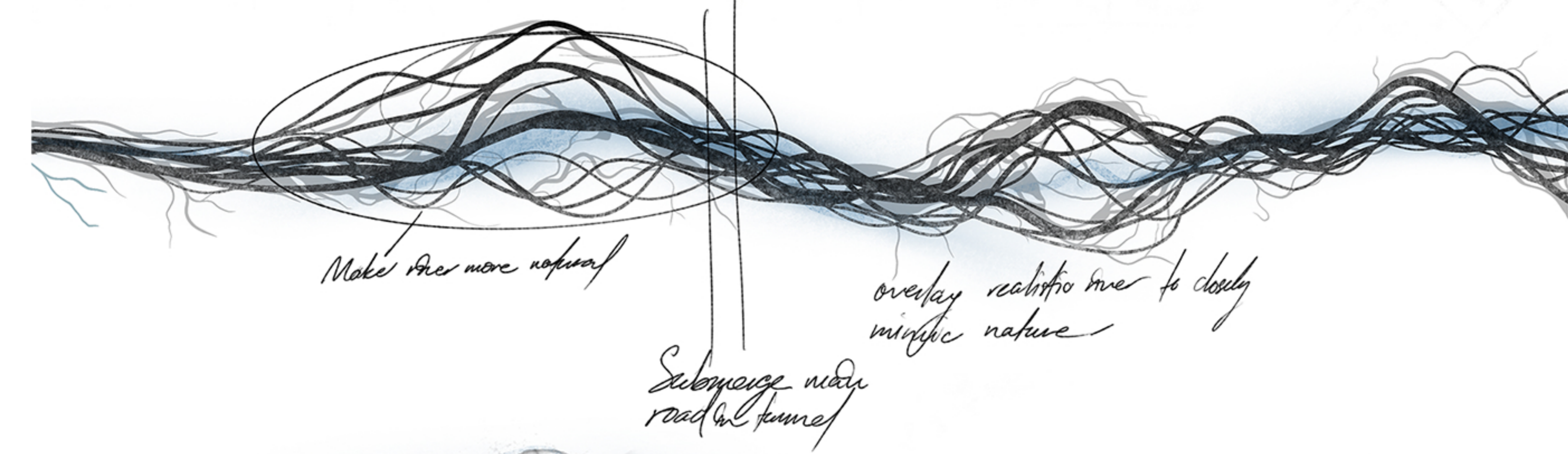
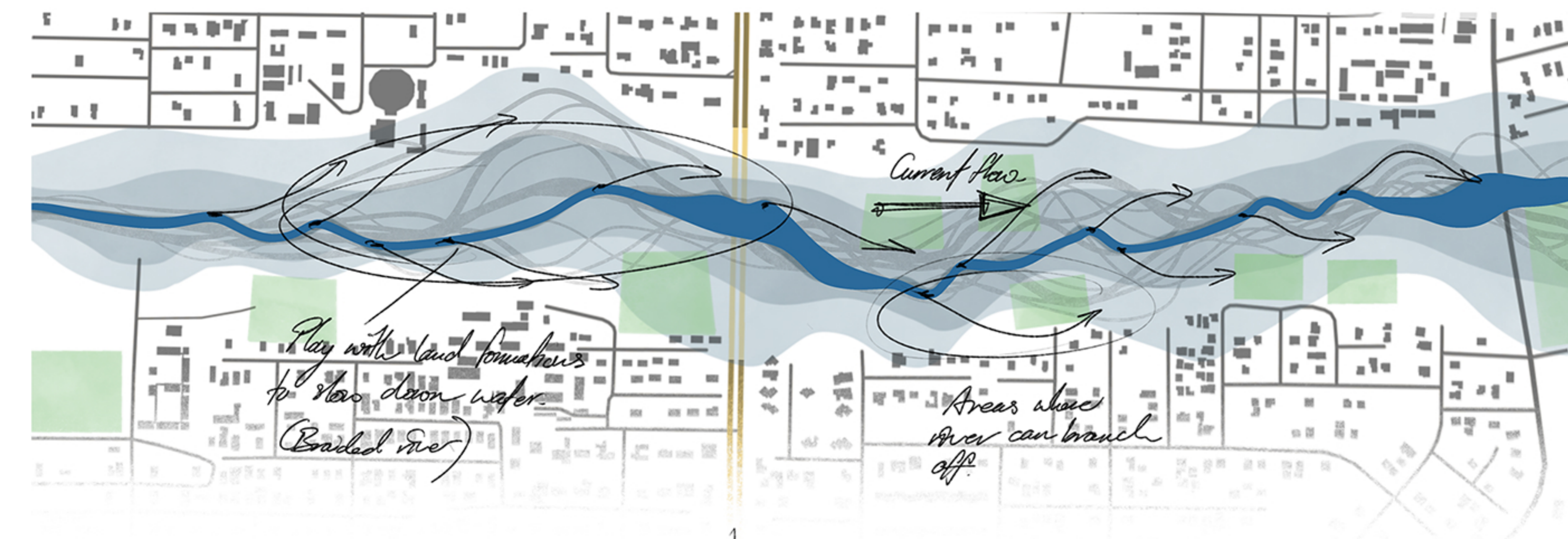
HABITAT TYPE:  
Aquatic  
Emergent Wetland  
Wet Meadow

education





# design diary





# master plan



terraced  
gardens

rain garden

wetland rehabilitation

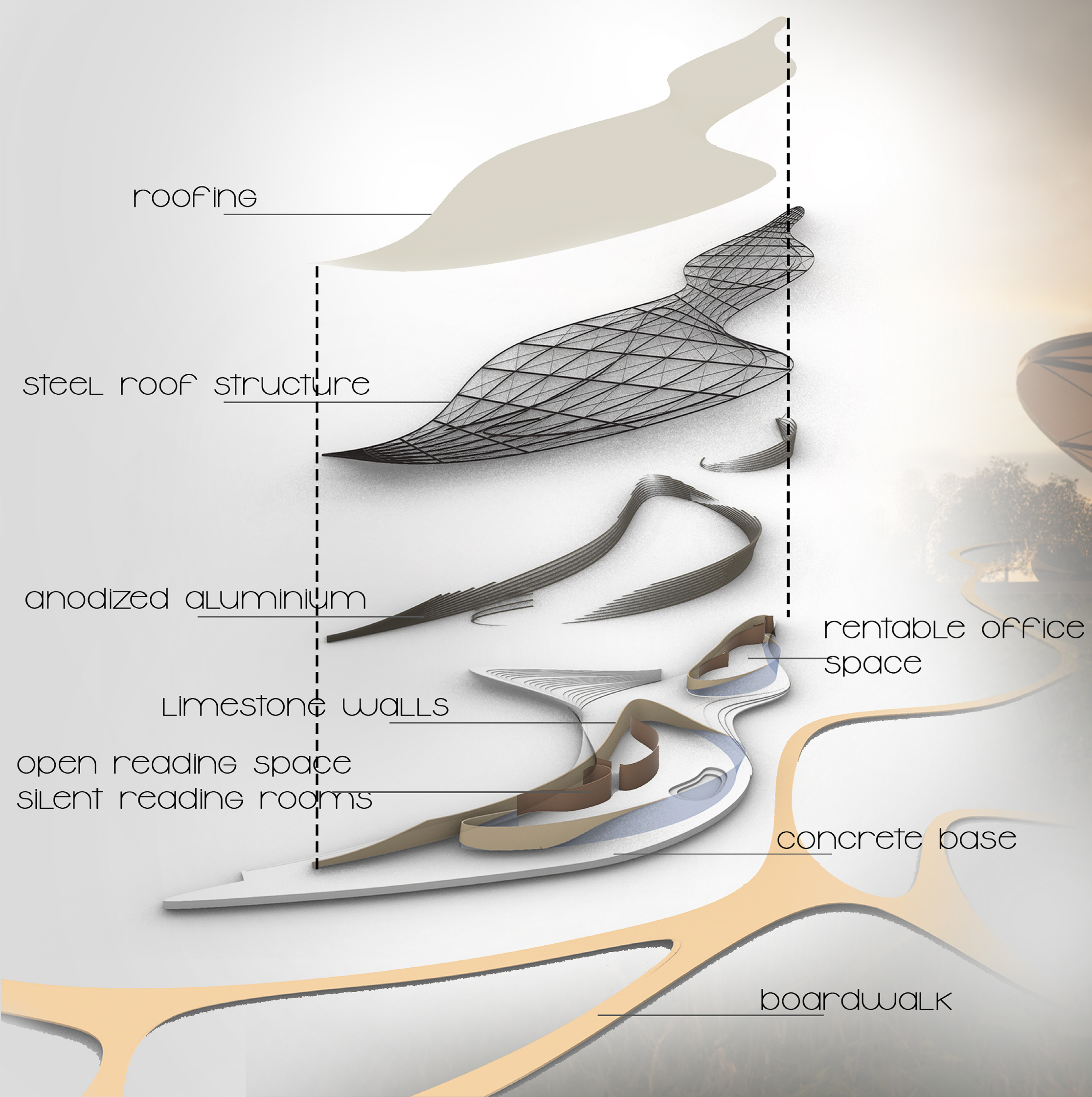
post graduate housing

noka education center

wetland rehabilitation

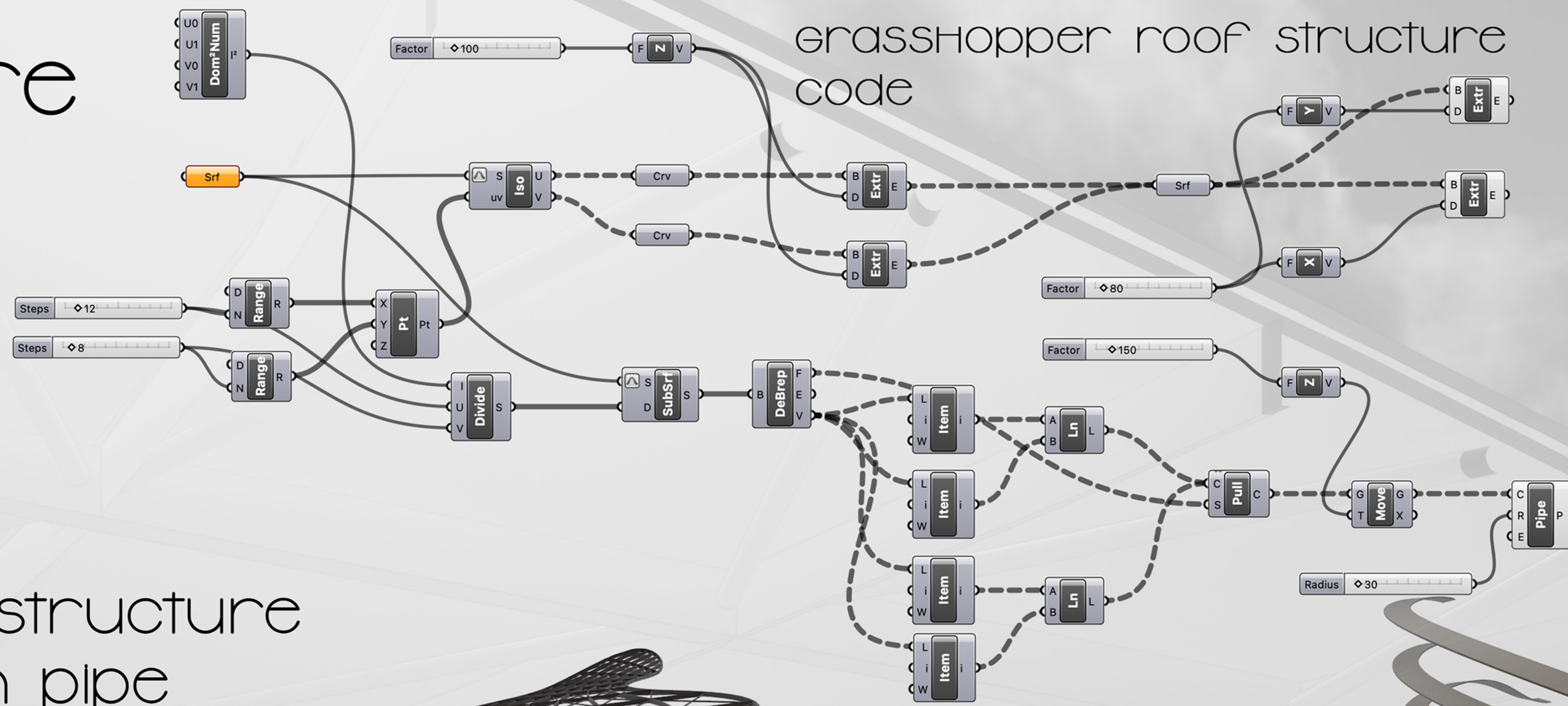


# exploded axonometry



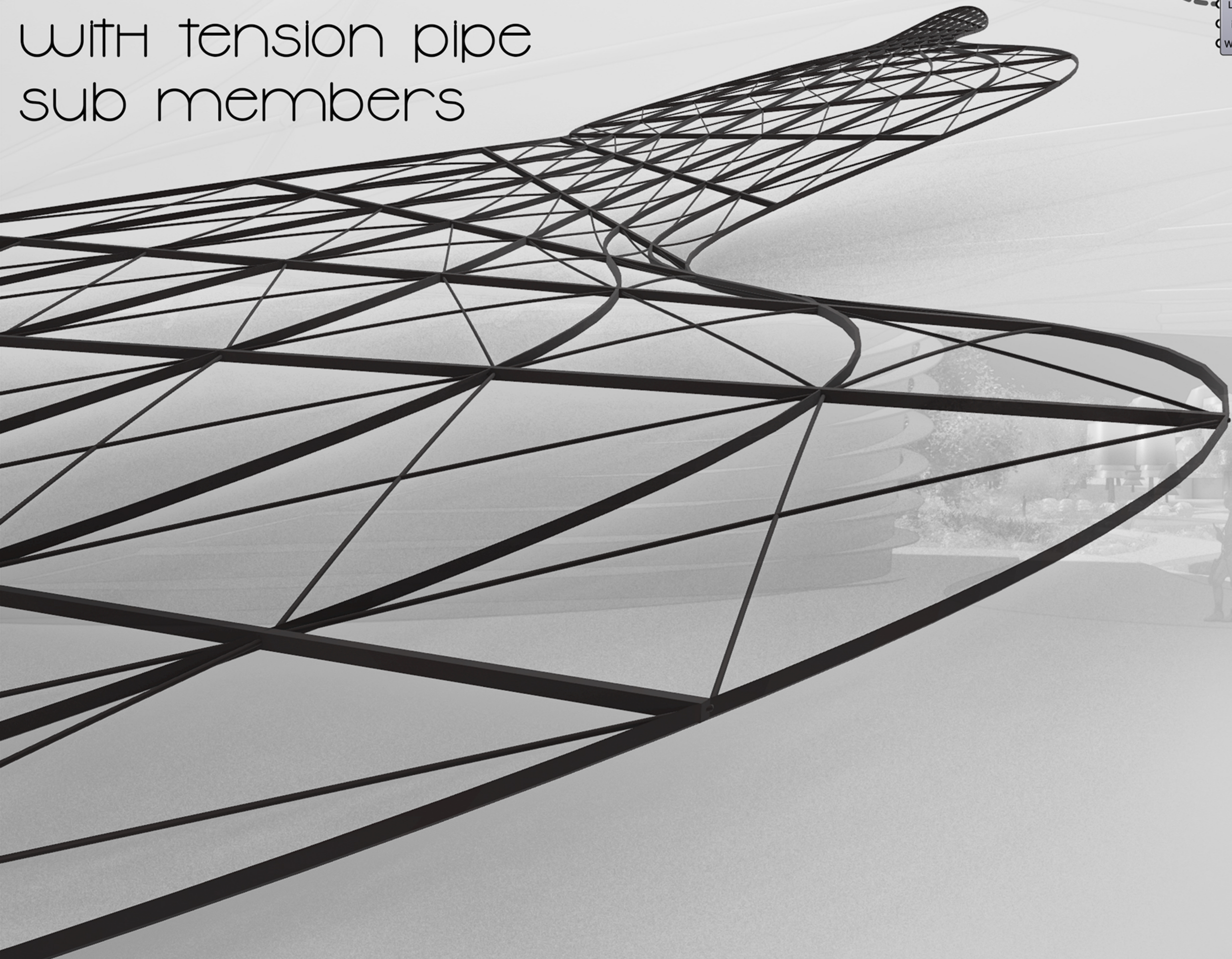


structure



grasshopper roof structure code

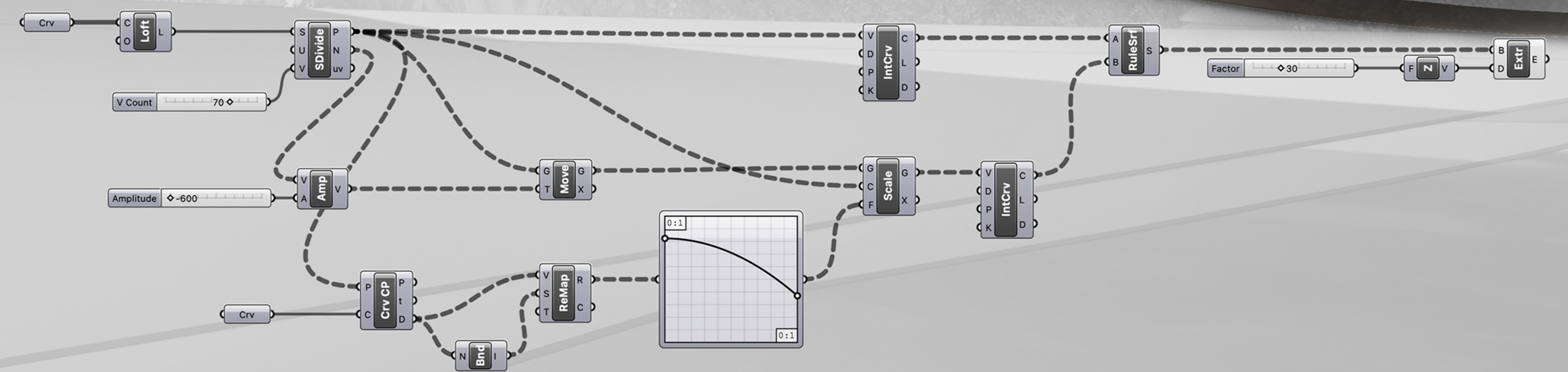
steel roof structure with tension pipe sub members



anodized aluminium facade



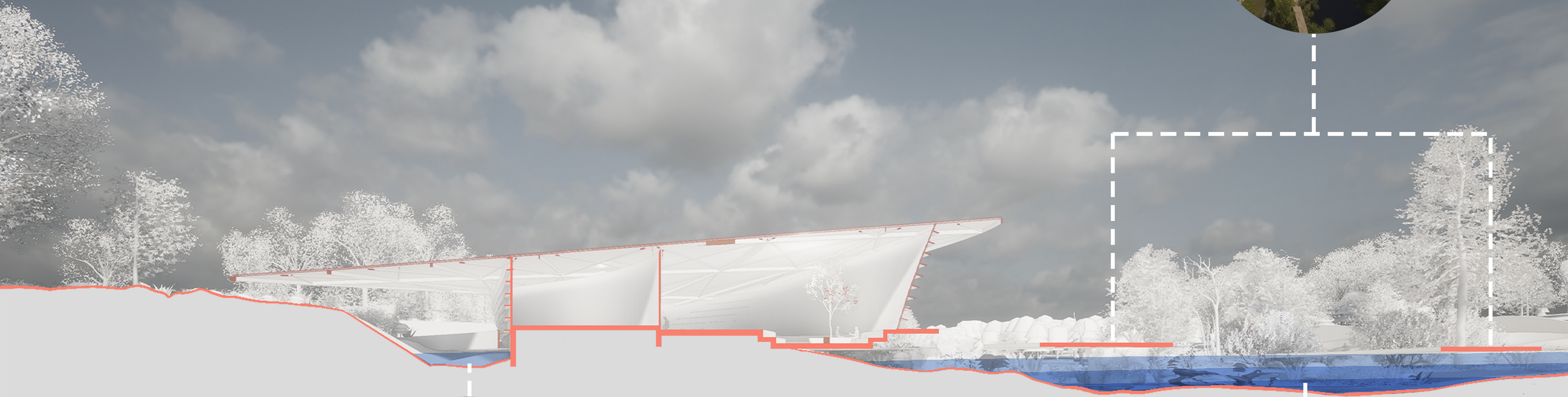
grasshopper facade code



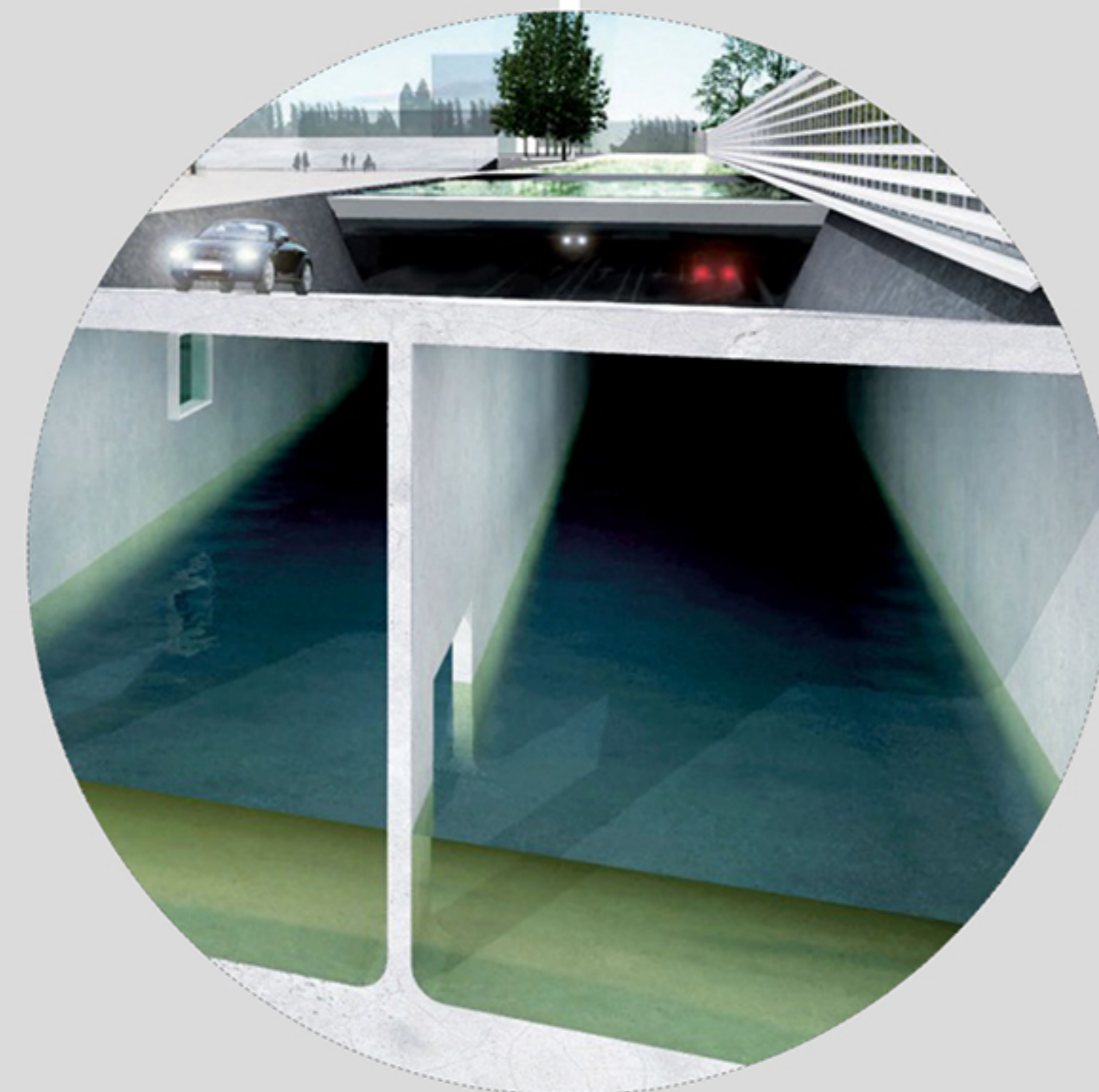


section  
response to water

boardwalk



water reserve



Flood Levels





renders

