



# ARK OF MASDAR

## Social Sustainability



Parking for 500 cars



Offer drinking water for 2500 residents



Keep 5000 people healthy

## Economical Sustainability



Pressure & Vibration Generators



Solar Panels and Passive Cooling



Human Power Generation

## Environmental Sustainability



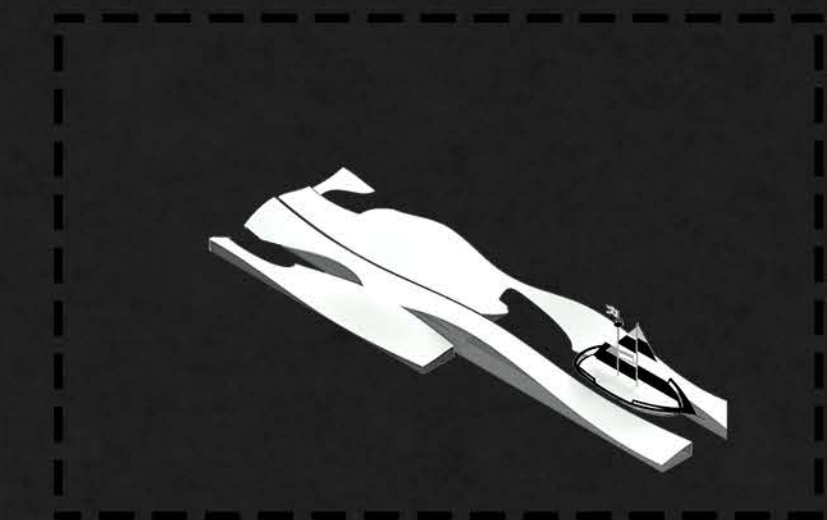
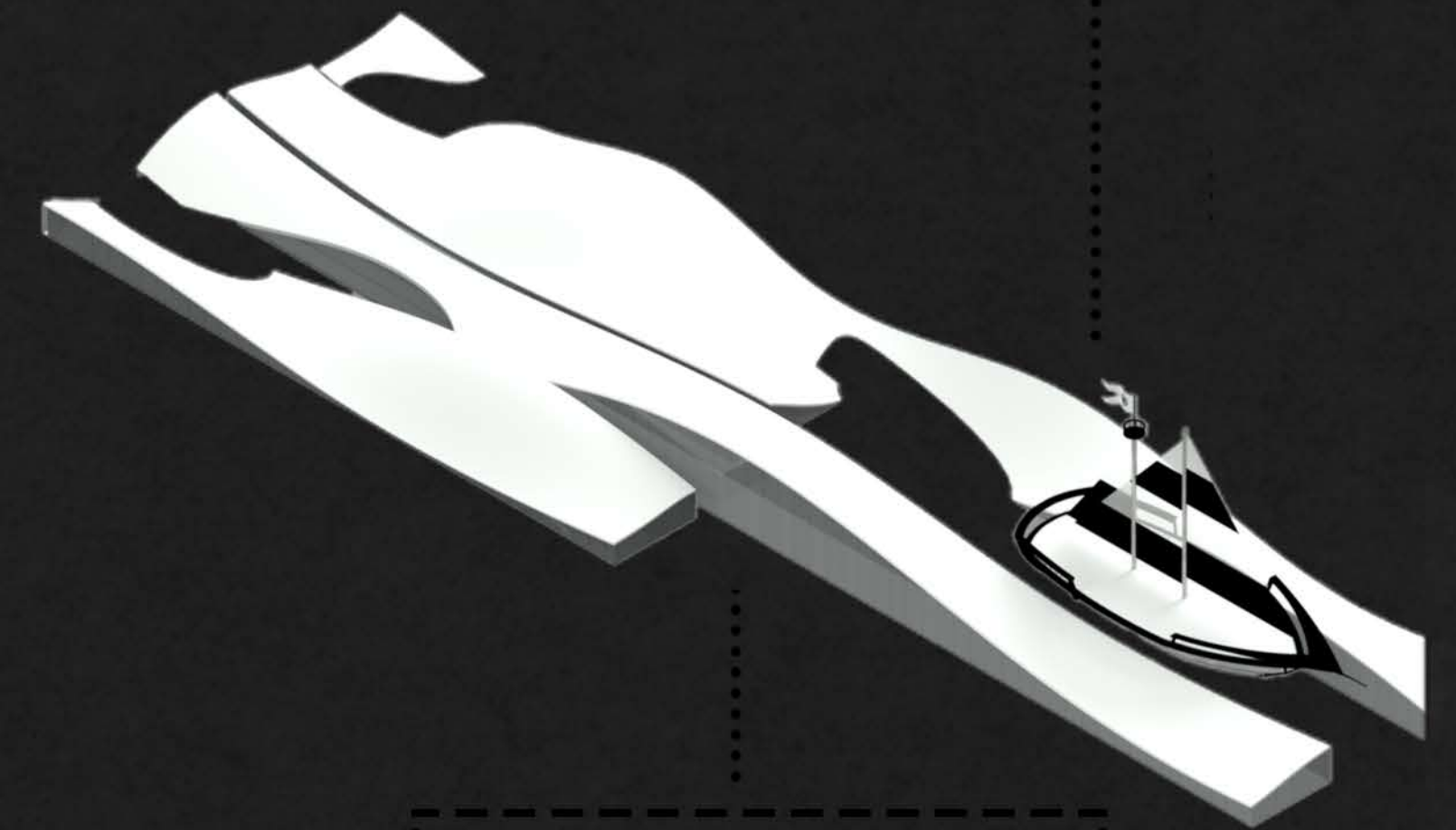
Silent wind energy harvesting



30% concrete reduction



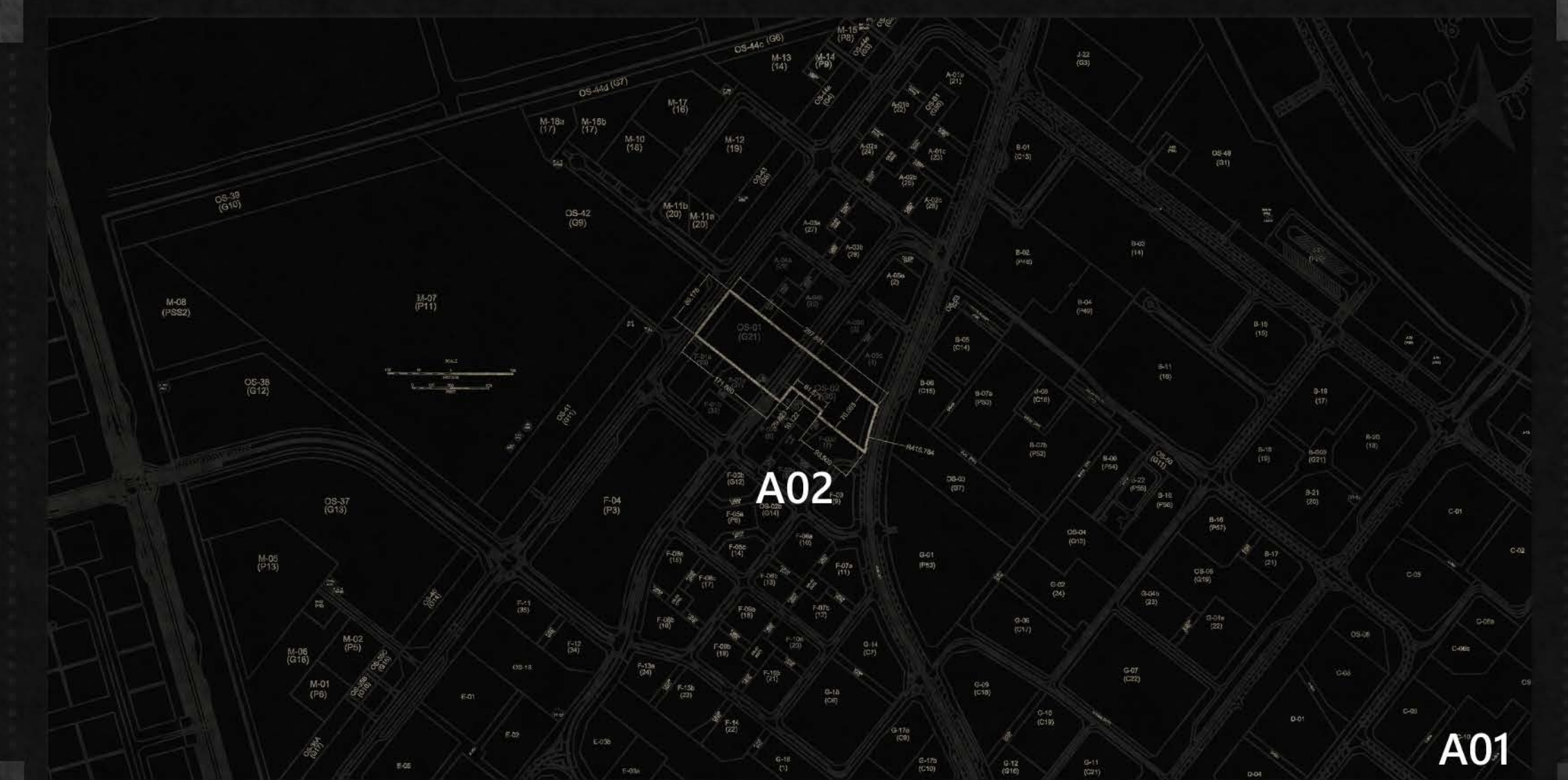
30% concrete reduction



A02



A00



A01