

PARA-situation [Ahmedabad] :
"Past, Present and Possible"

Bouches d'Ahmedabad

A Subway Water Infrastructure

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Bouches d'Ahmedabad contemplates architecture and its devices as the mouths of Ahmedabad. This design thesis investigates the culture of circulation in water, sewage and people in the city. It proposes an architecture that alleviates and responds to the temporal witness in terms of the daily usage of water and the seasonal natural water distribution in this city of dust.

The design thesis researches the accommodation of the local water cycle by modifying architecture as a sophisticated living organism and drawing inspirations from anatomy where consumption, digestion, absorption, detoxification, and excretion are referenced under close examination. One goal that directs the design decisions of the thesis is the flourish of life in the architecture. This flourish is indicated by how well the plants and the people, both carrying elements of water, would prosper and be enhanced by the architecture.

The proposed architecture breathes, filters, and blows life into the city by reconciling the water body with an embedded water infrastructure through the heavy-rail metro network. While it is a challenge to express the drama behind water infrastructure, the architecture maintains its purposes as a cavity that not only swallow and vomit passengers, but also renew much desired water and nourish plants, which are signature of each station, to scatter residues of gardens across the city.

As the embodiment of a water treatment plant, an urban oasis (gardens) and a transport hub, the design finds its form as a porous structure which screens, permeates and repurposes water elements in the atmosphere of Ahmedabad.

ADJUSTABLE FACADE SECTION 01 1:500A2

- POTABLE WATER TREATMENT PLANT
- PUMPING STATIONS
- SEWAGE TREATMENT PLANTS
- LANDFILL SITES
- AHMEDABAD METRO LINES
- SEWAGE PIPELINE NETWORK
- POTABLE WATER PIPELINE NETWORK
- STORMWATER DISCHARGE NETWORK 1
- STORMWATER DISCHARGE NETWORK 2
- STORMWATER DISCHARGE NETWORK 3
- AHMEDABAD METRO STATIONS

EXISTING WATER INFRASTRUCTURE OF AHMEDABAD 1:50000 @ A2

SITE PLAN 01 1:500B2

WEST SECTION 02 1:200B2

EXPLODED ISOMETRIC 01 1: 500 @ 840 x 1800

APERTURE COMPONENT 02 1:500A2

PLATFORM END B 02 1:500A2