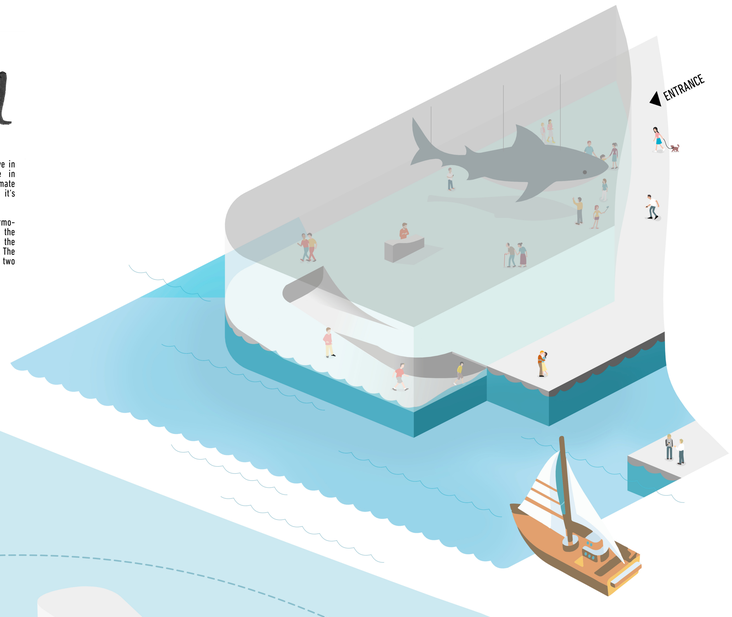
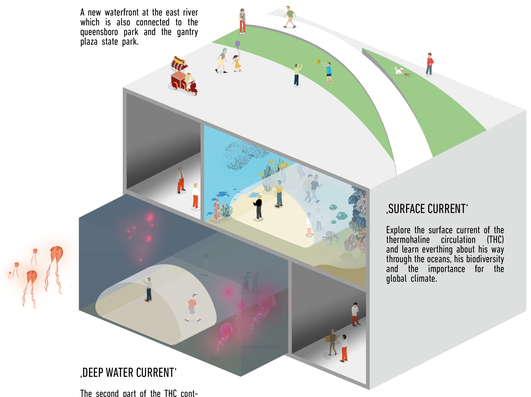
#1262117813

Dive in

‚Dive in' is a concept for the whole project. Dive in an adventure and explore the Ocean, dive in education and learn about the global climate or just literally dive in a tank and discover it's inhabitants in an ‚Orb'.

The concepts relates additionally on the thermohaline circulation (THC) which is crucial for the global climate and a welcome opportunity for the sea dwellers to travel from point a to point b. The surface and deep water currents provide two various sections.





‚FLOW'

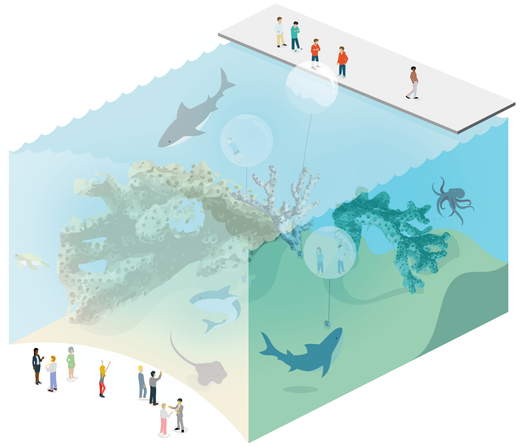
A new waterfront at the east river which is also connected to the queensboro park and the gantry plaza state park.

‚SURFACE CURRENT'

Explore the surface current of the thermohaline circulation (THC) and learn everthing about his way through the oceans, his biodiversity and the importance for the global climate.

‚DEEP WATER CURRENT'

The second part of the THC contains a darker setting and a higher water pressure. Discover bizarre creatures with special capabilities like bioluminescence.

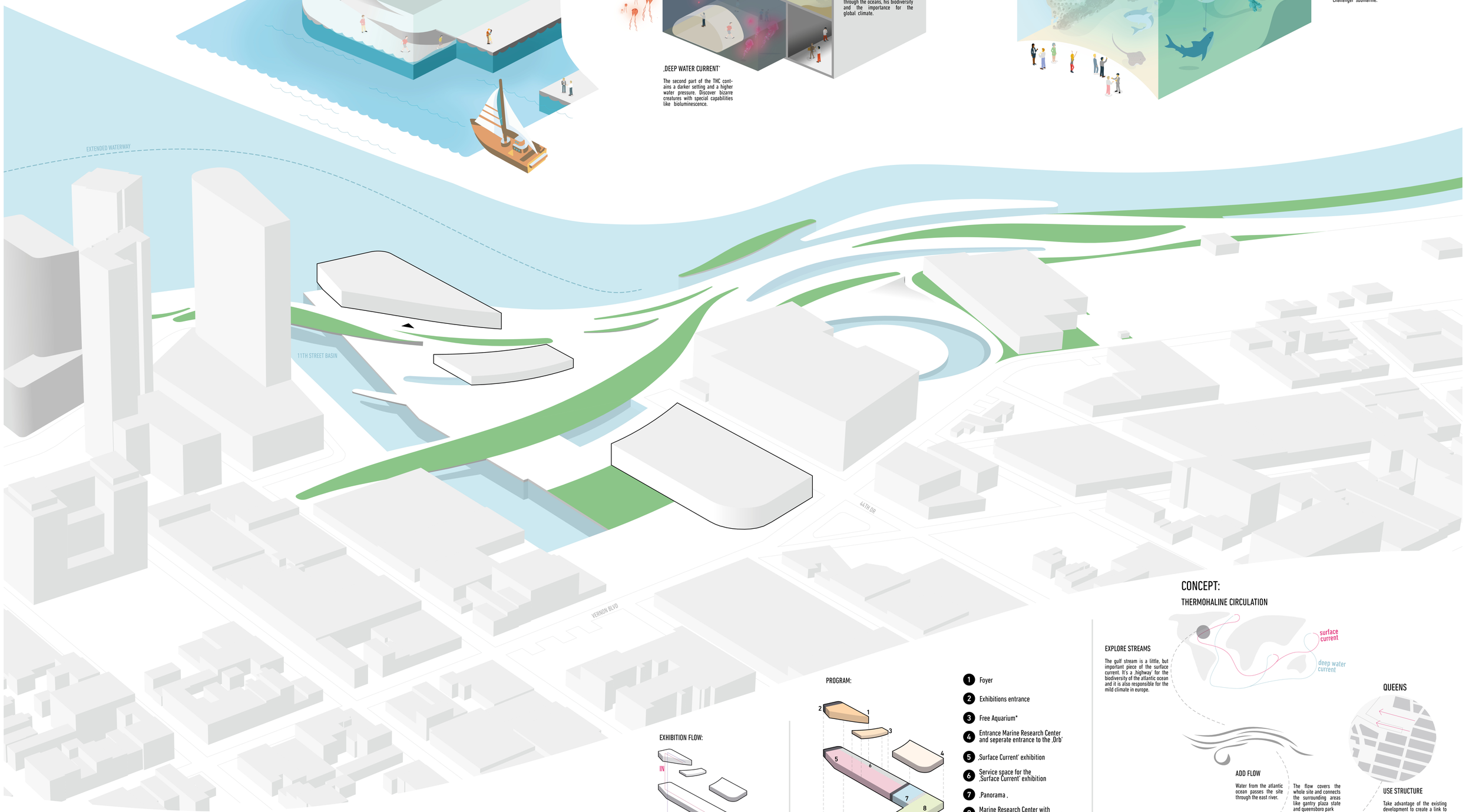


‚PANORAMA'

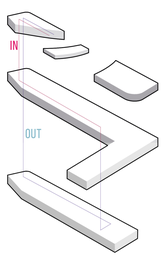
A big tank in the ‚Cool Down' area where you switch between the ‚Surface' and the ‚Deep Water' exhibition. See everything through a giant panorama window.

‚ORB'

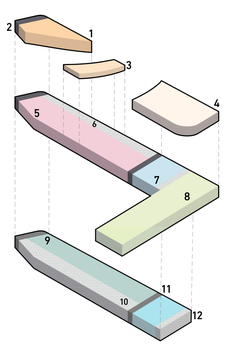
Explore the panorama aquarium and it's inhabitants underwater, like James Cameron in his Deepsea Challenger submarine.



EXHIBITION FLOW:



PROGRAM:



1. Foyer
2. Exhibitions entrance
3. Free Aquarium*
4. Entrance Marine Research Center and seperate entrance to the ‚Orb'
5. ‚Surface Current' exhibition
6. Service space for the ‚Surface Current' exhibition
7. ‚Panorama .
8. Marine Research Center with access to the eleventh street basin
9. ‚Deep Water Current' exhibition
10. Service space for the ‚Deep Water Current' exhibition
11. ‚Cool Down'
12. Service space for the ‚Panorama' exhibiton

CONCEPT:

THERMOHALINE CIRCULATION

EXPLORE STREAMS

The gulf stream is a little, but important piece of the surface current. It's a ‚highway' for the biodiversity of the atlantic ocean and it is also responsible for the mild climate in europe.

ADD FLOW

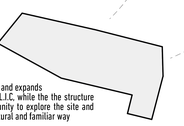
Water from the atlantic ocean passes the site through the east river.

The flow covers the whole site and connects the surrounding areas like gantry plaza state and queensboro park

QUEENS

USE STRUCTURE

Take advantage of the existing development to create a link to the city. It puts the new aquarium building in reasonable scale.

INTERTWINE

The flow connects and expands the waterfront of L.I.C. while the the structure allows the community to explore the site and waterfront in a natural and familiar way