
LANDSCAPES OF RESISTANCE

Floortje van Sandick / 4145240
Design as Politics / Armina Pilav / Mike Emmerik / Gilbert
Koskamp

Buildings can have the power to symbolize a specific story.

As an architect you have to choose which voices you help amplify and make part of the built history and larger narrative.

Who gets to be seen and represented and who is being erased?

Who has agency within the space you create?

Who gets to speak?

Who is valued?

This project is an attempt to use space as a political tool to resist, shift, and undermine the narrative as produced by those in power and offer a plurality of counter narratives in return, which together produce an alternative reading of history and push for change.

OVERVIEW

I MOTIVATION
CLIMATE AND MIGRATION

II RESEARCH
DOCUMENTING THE FRONLINE OF CLIMATE CHANGE

III TRANSLATION
PRESERVING THE FRONTLINE

IV DESIGN
BUILDING THE LINE

V REFLECTION
LANDSCAPES OF RESISTANCE

MIGRATION /
POWER GEOMETRIES

POWER

Moving
Not in charge of flow

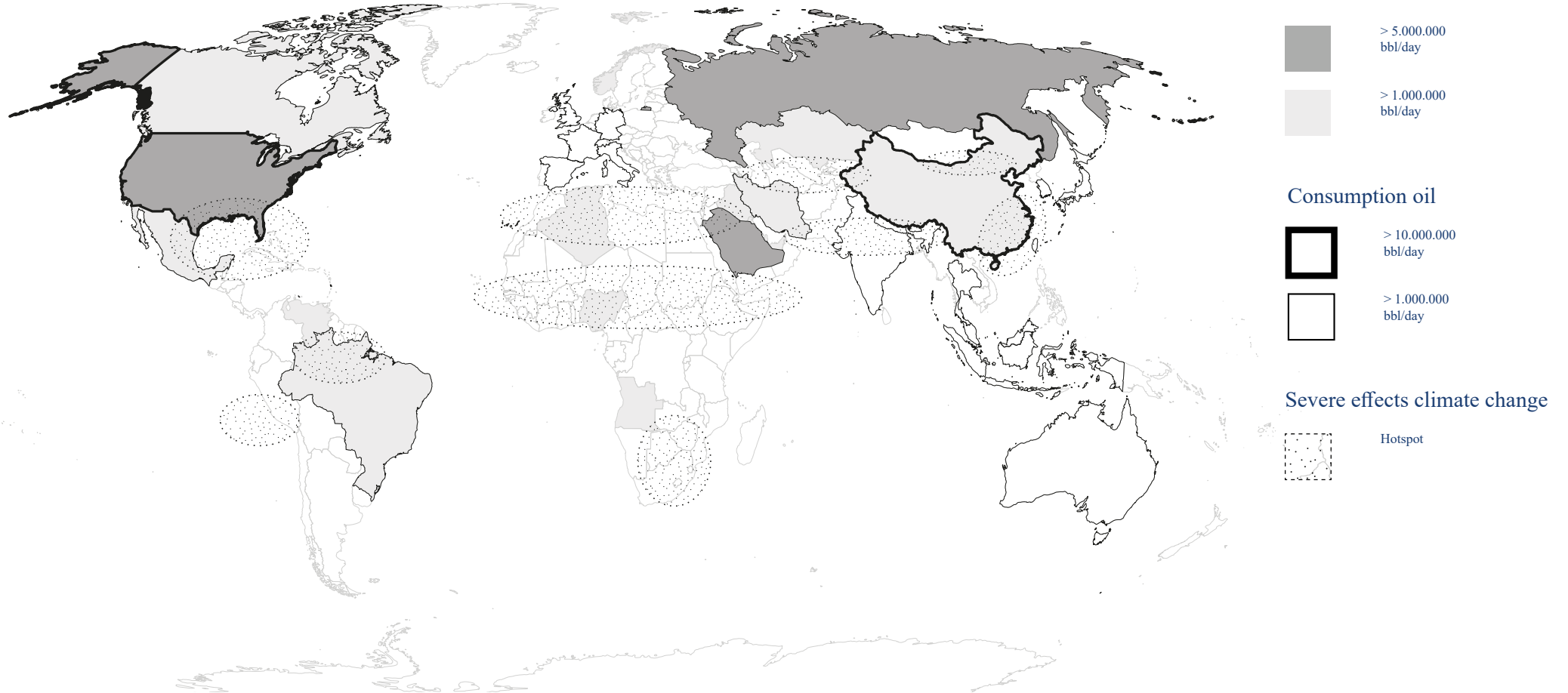
receiving-end of flows
imprisoned by it

In Charge of Space-Time
initiate flows and movements

not moving
In charge of their position

MOVEMENT

OIL AND CLIMATE CHANGE



THE COASTAL LOUISIANA WETLANDS



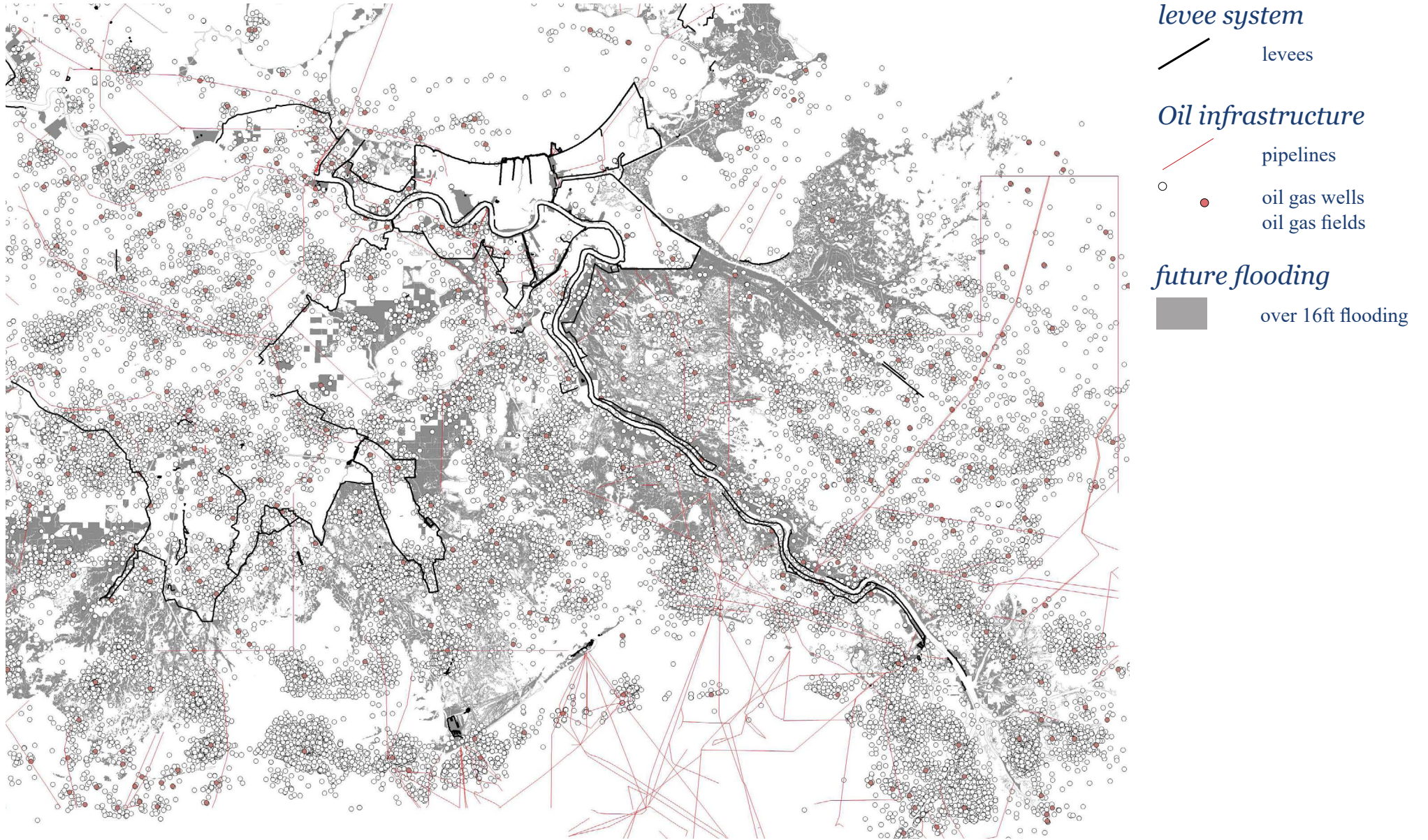
OILSCAPE LOUISIANA



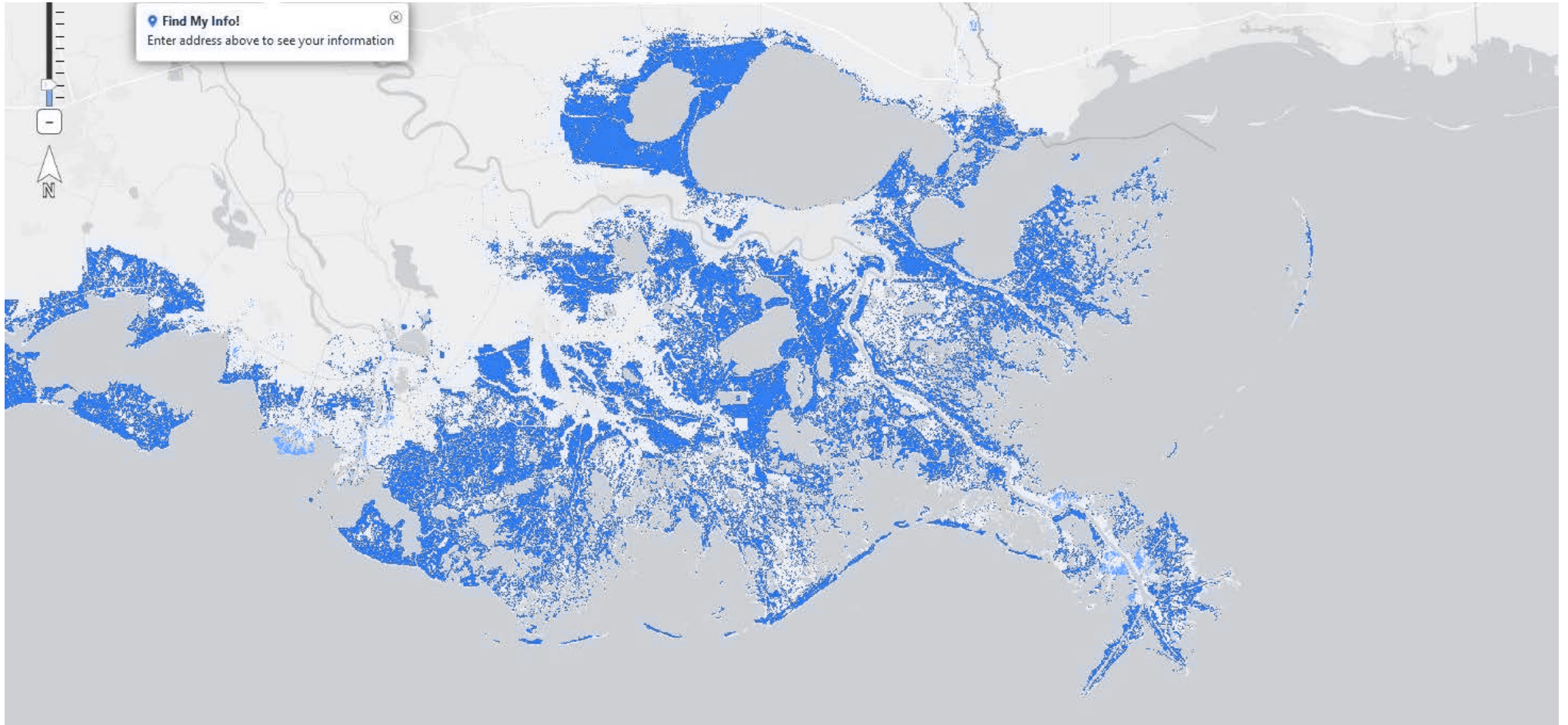
OILSCAPE LOUISIANA



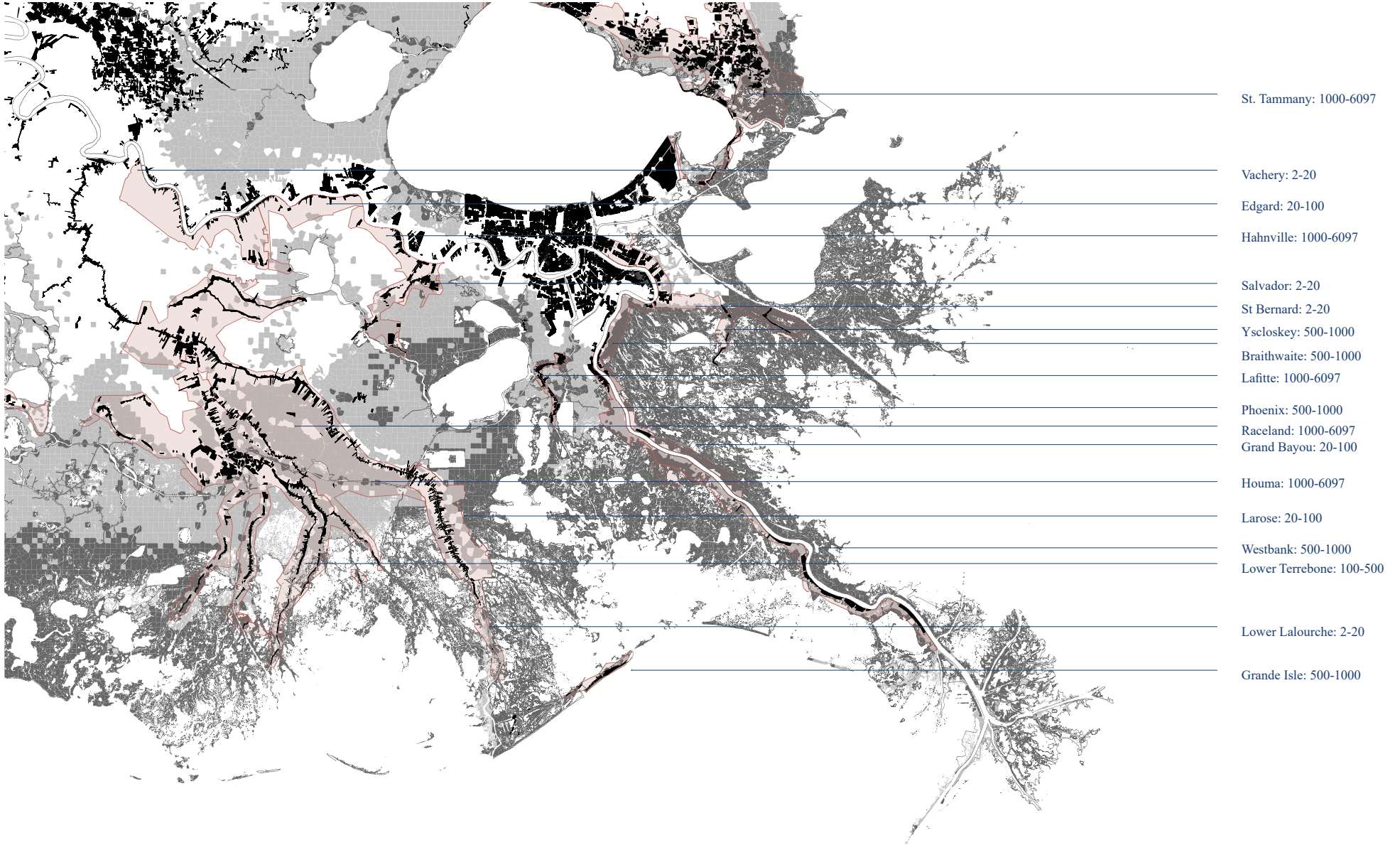
THE LOUISIANA OILSCAPE



LOUISIANA LAND SUBSIDENCE



TIME & SPACE



ISLE DE JEAN CHARLES



1963



2008

ISLE DE JEAN CHARLES

become a supporter subscribe find a job

theguardian

news opinion sport arts lifestyle

environment ▶ climate change wildlife energy pollution

Climate change

Louisiana's vanishing island: the climate 'refugees' resettling for \$52m

Isle de Jean Charles has lost 98% of its land and most of its population to rising sea levels - but as remaining residents consider relocation, what happens next is a test case to address resettlement needs



Wenceslaus Billiot, father of deputy chief Boyo Billiot. The proud world war two veteran and tribal elder may be forced to leave the home he has known all his life. Photograph: Charlie Varley for the Guardian

Lauren Zanolli in Isle de Jean Charles, Louisiana
Tue 15 Mar '16 12:30 GMT



I MOTIVATION
CLIMATE AND MIGRATION

II RESEARCH
DOCUMENTING THE FRONLINE OF CLIMATE CHANGE

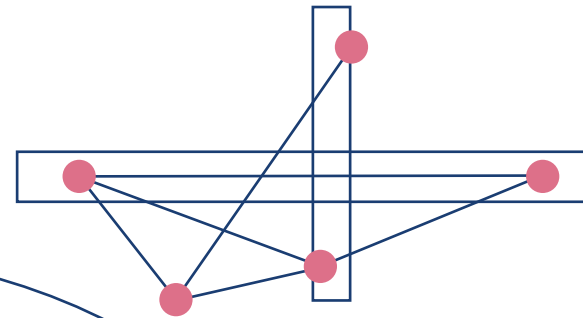
III TRANSLATION
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V REFLECTION
LANDSCAPES OF RESISTANCE

FORENSIC ARCHITECTURE

● INCIDENT



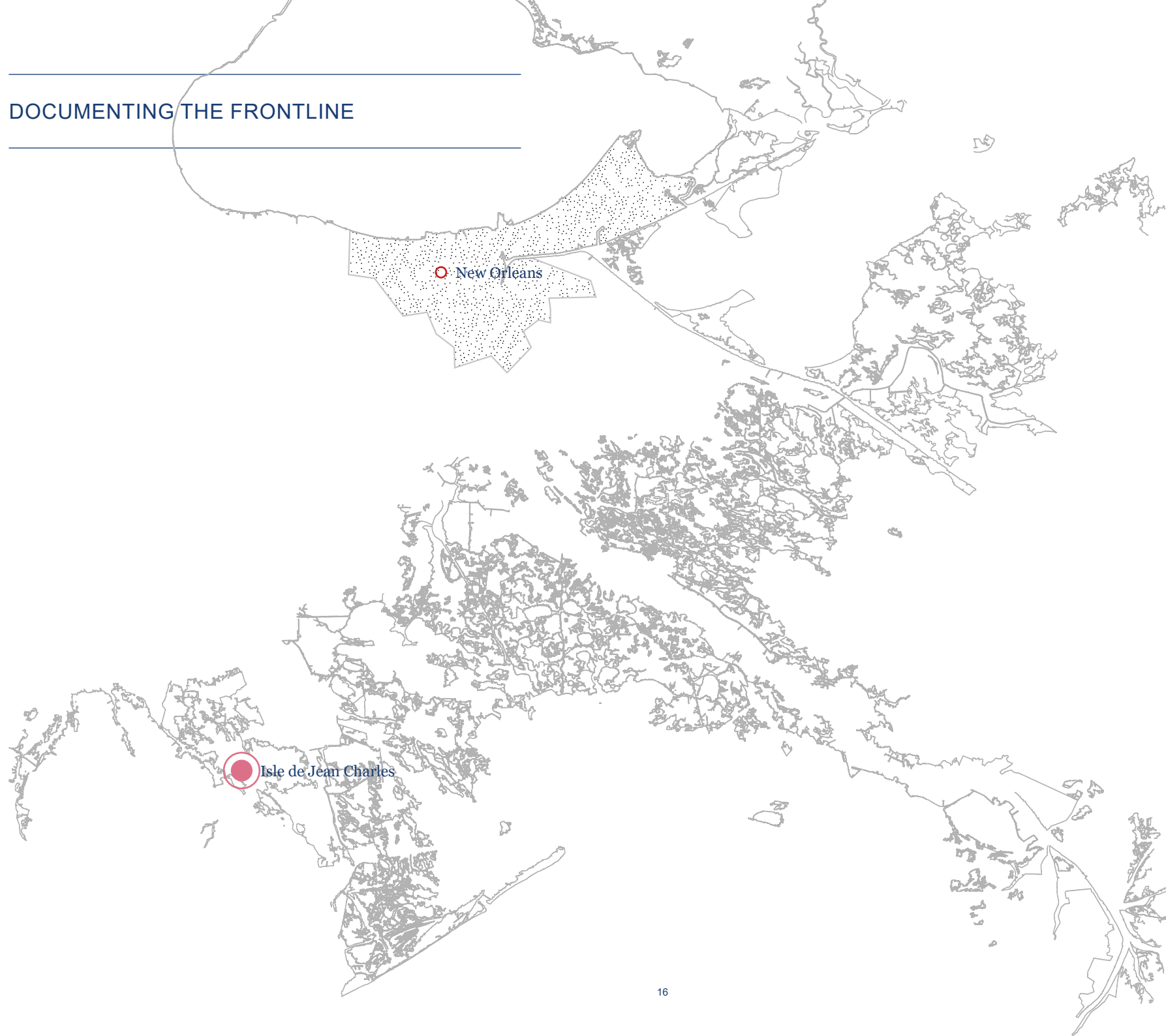
THE LARGER STORY

● EVIDENCE ASSEMBLAGE



- Site visits
- workshops
- Interviews with acknowledged experts
- Interviews with local experts
- Online research (documents)

DOCUMENTING THE FRONTLINE















306

PLEASE REPORT
ANY DAMAGE TO
THE
POST

1000
1000







DIFFERENT VOICES/ DIFFERENT TRUTHS

LOCAL RESIDENTS

SCIENTISTS

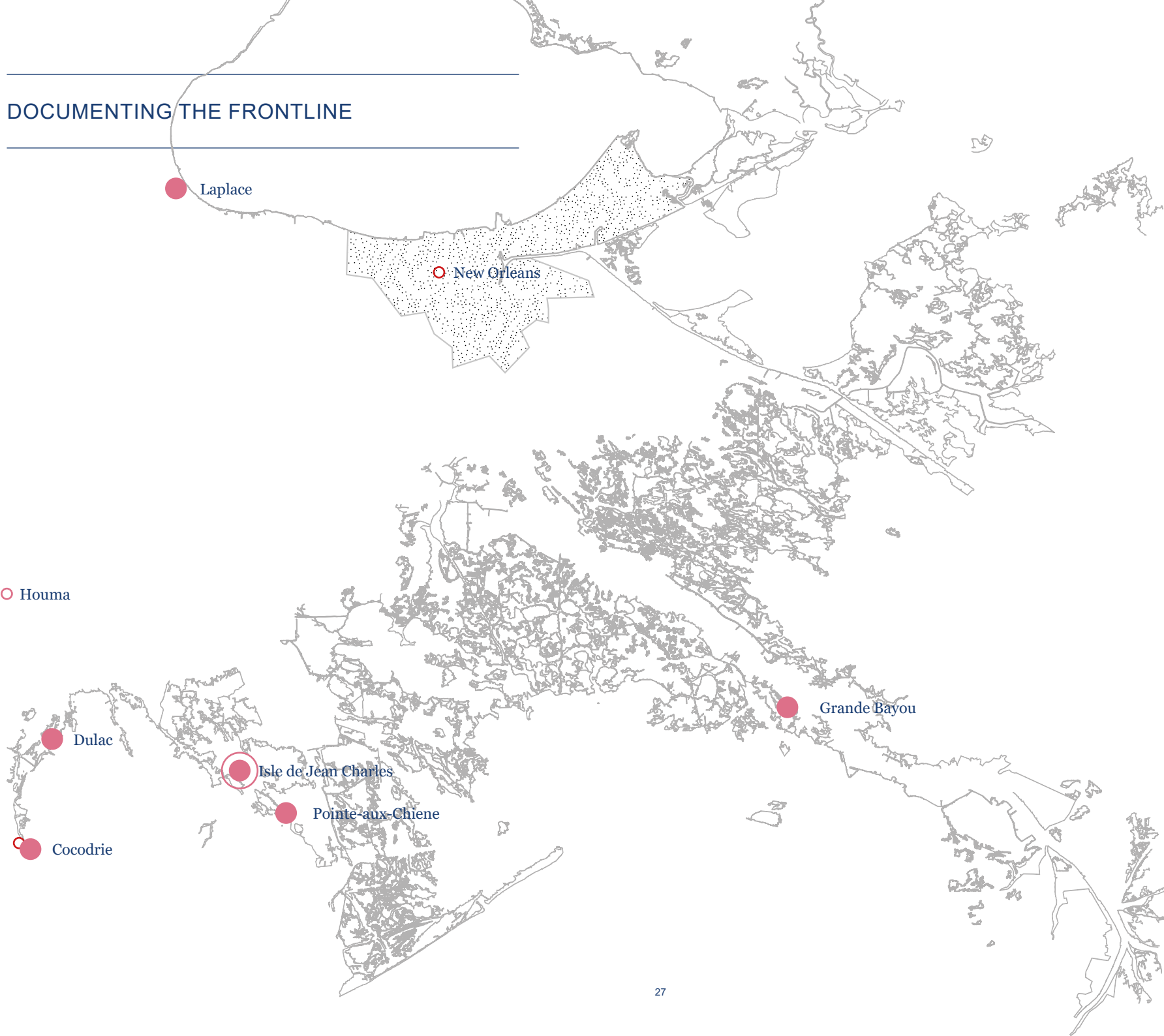
GOVERNMENT

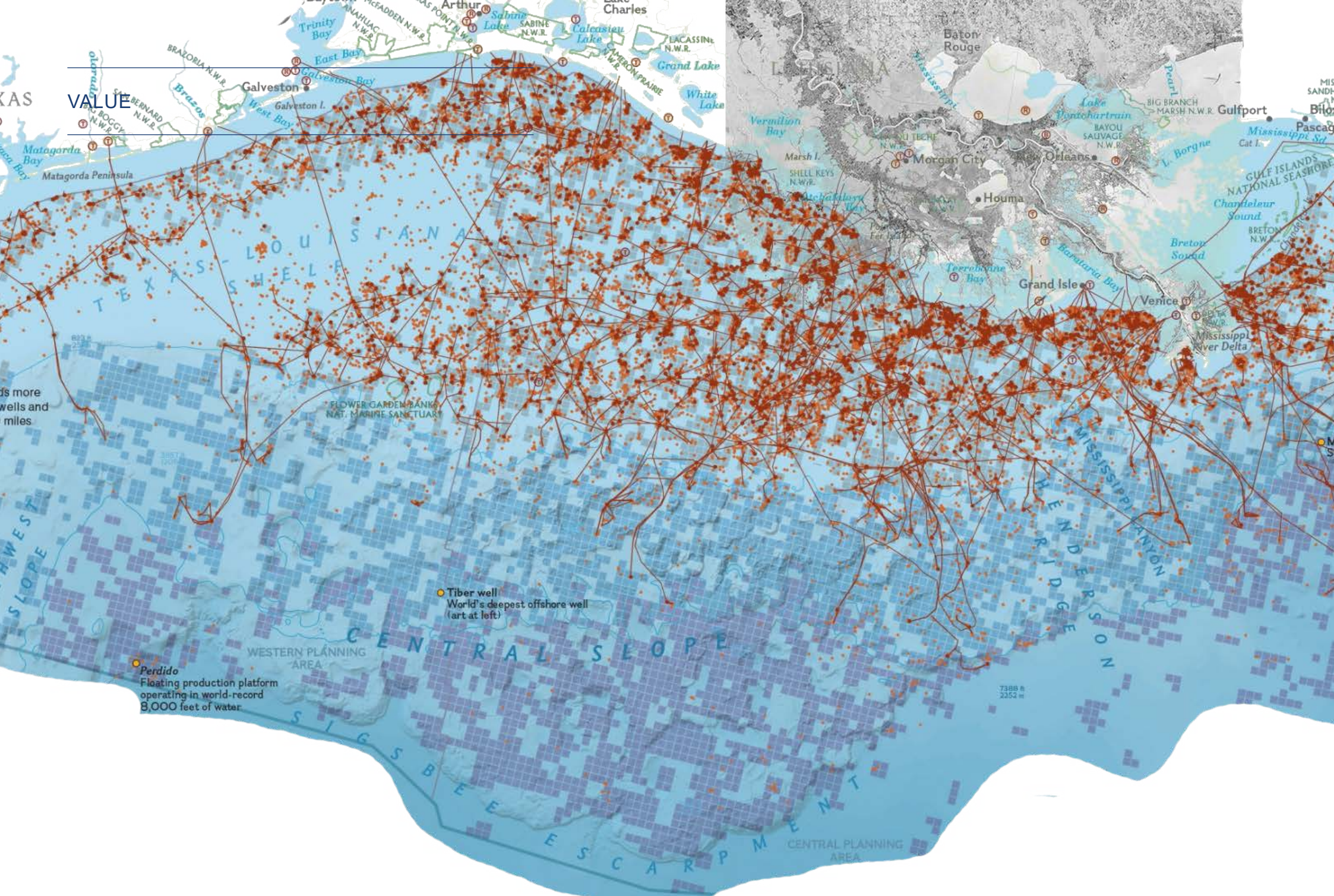
ARTISTS AND
MUSICIANS

PLANNING AND
ARCHITECTURE
OFFICES

NON PROFITS

DOCUMENTING THE FRONTLINE





VALUE

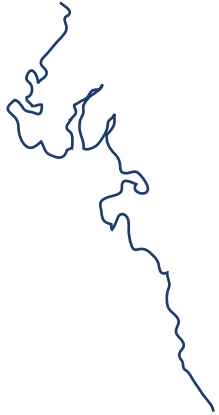
is more wells and miles

Tiber well
World's deepest offshore well
(art at left)

Perdido
Floating production platform
operating in world-record
8,000 feet of water

VALUE

NATURAL LINES



SCARS



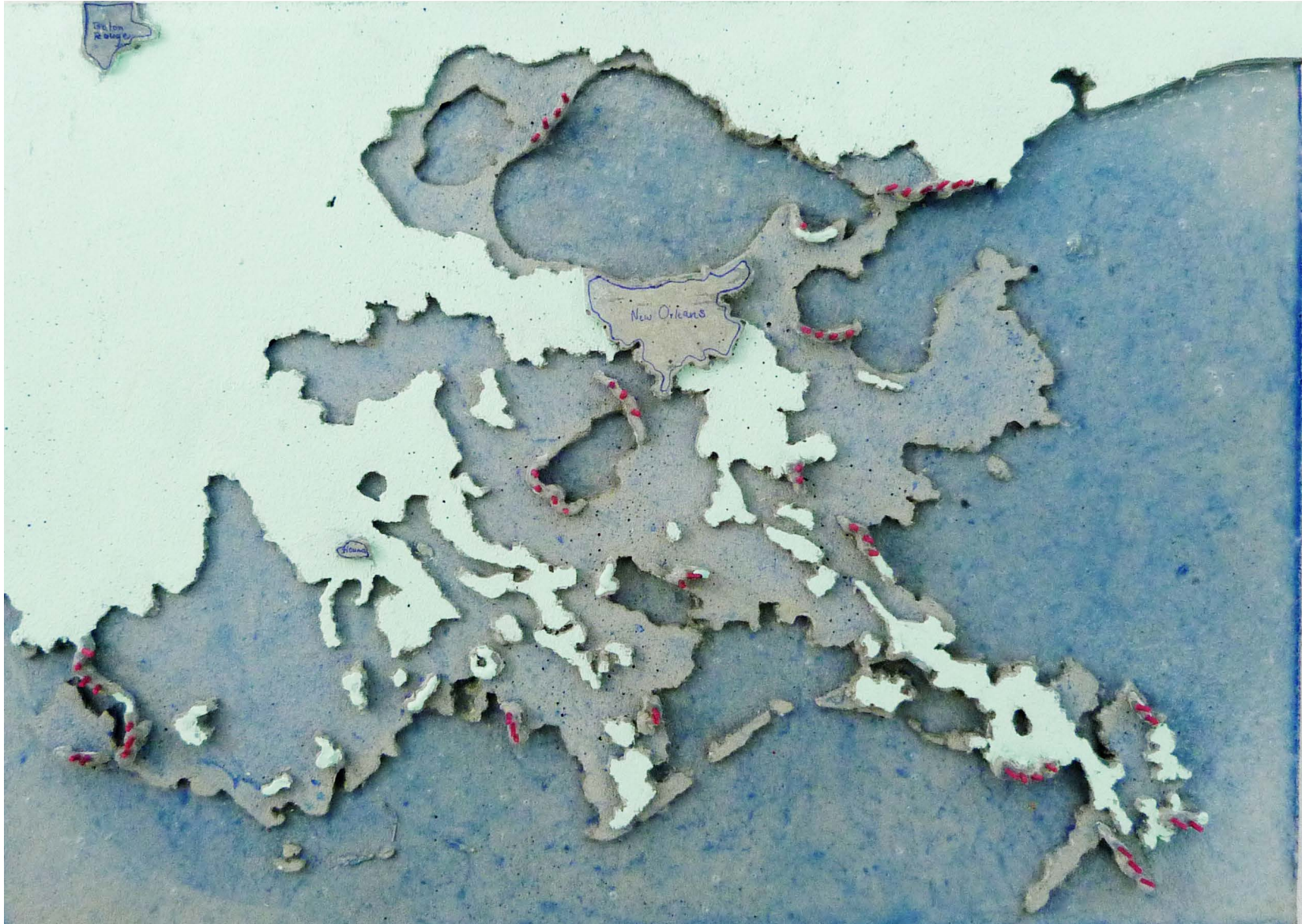
VALUE



VALUE



VALUE



VALUE

Five communities (approximately 1,000 structures) residing outside the authorized Morganza to the Gulf alignment are described below (see figure 4-1):

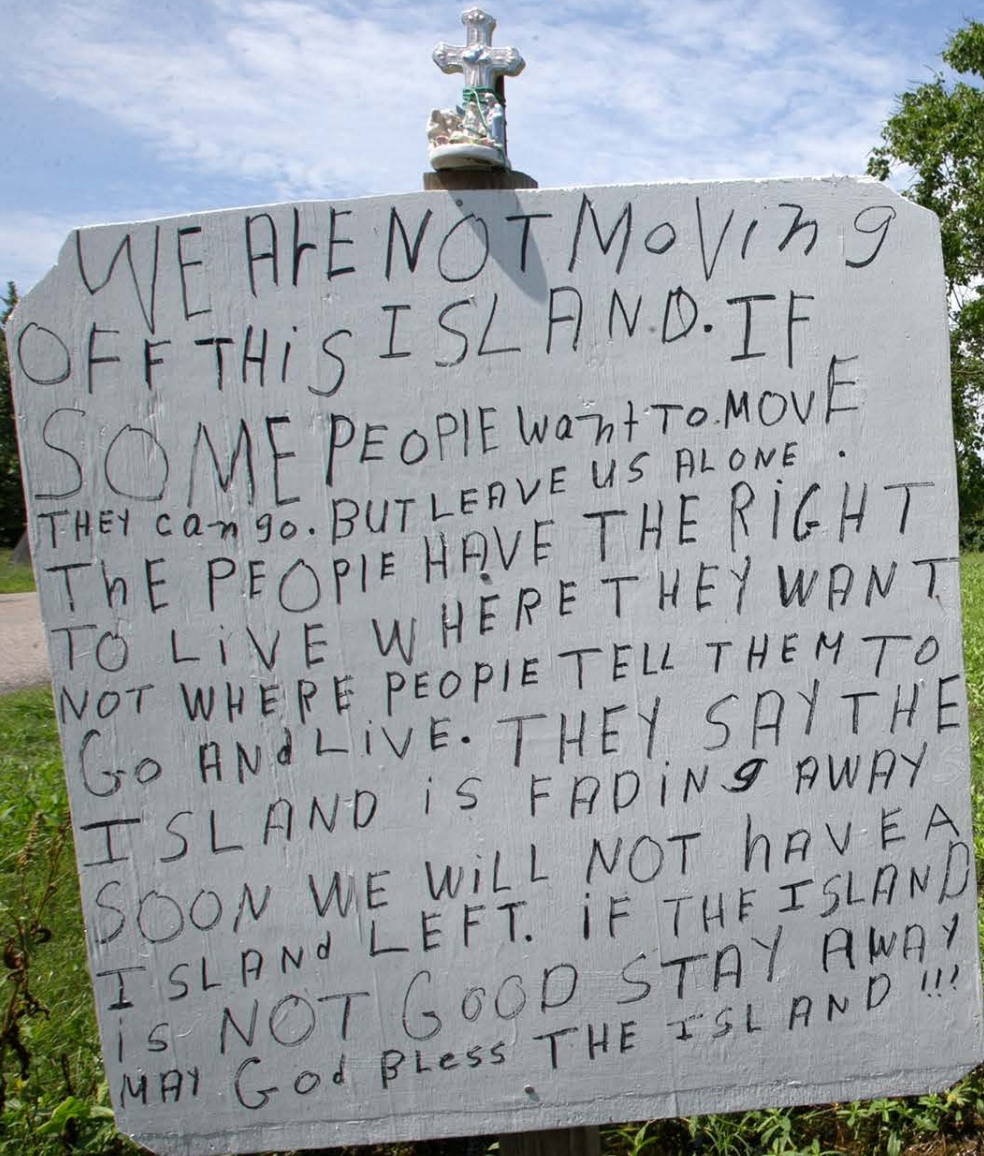
1. Isle de Jean Charles – An isolated community of State-recognized Biloxi-Chitimacha tribe members that has lost a significant percentage of its population in the past 10 years. There are currently about 25 families using the “Island” as their primary residence. The majority of the remaining structures are weekend camps. Most of the residential structures are already elevated. The 2002 feasibility report determined that a relocation plan was economically justified; however, it was not recommended because the proposed plan was not supported by the Isle de Jean Charles community. Instead, the TLCDC constructed an earthen levee to approximately elevation 6 ft. In addition, the only road to the island was raised to provide a better evacuation route.
2. Lower Chauvin/Cocodrie – The most southern part of LA Hwy 56 (4.5 miles) is outside the Morganza to the Gulf alignment. This area include a University Marine Research



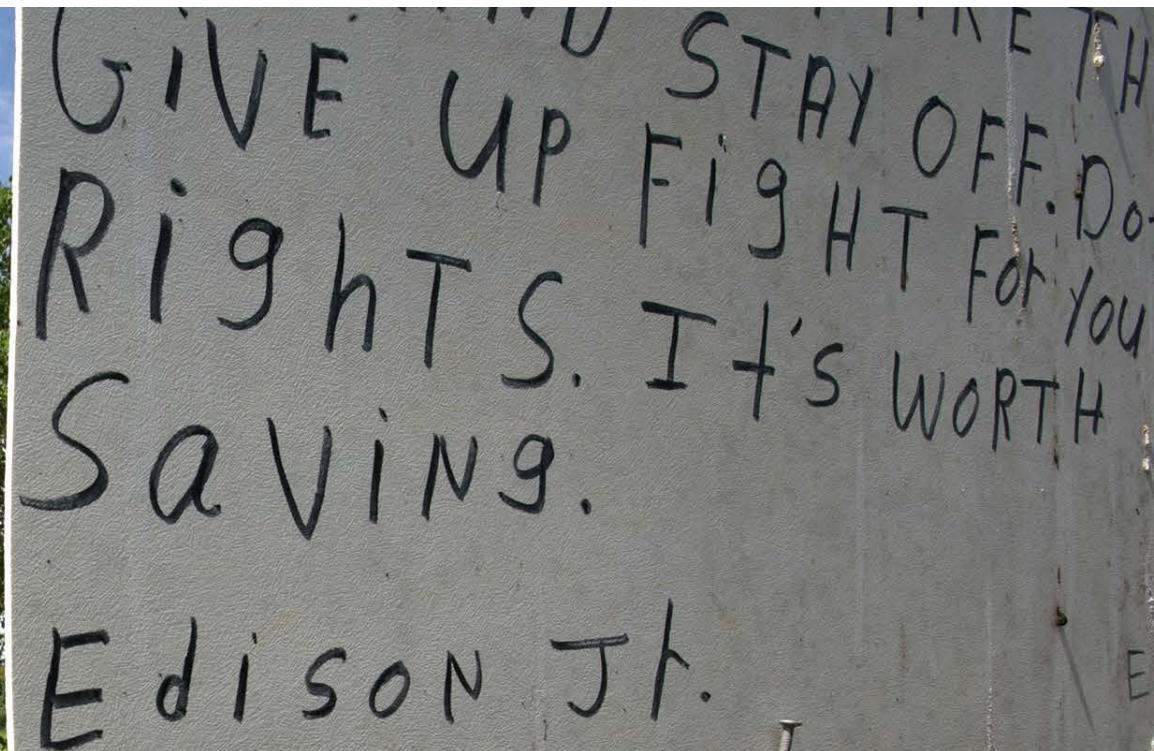
VALUE



VALUE



WE ARE NOT MOVING
OFF THIS ISLAND. IF
SOME PEOPLE WANT TO MOVE
THEY CAN GO. BUT LEAVE US ALONE.
THE PEOPLE HAVE THE RIGHT
TO LIVE WHERE THEY WANT
NOT WHERE PEOPLE TELL THEM TO
GO AND LIVE. THEY SAY THE
ISLAND IS FADING AWAY
SOON WE WILL NOT HAVE A
ISLAND LEFT. IF THE ISLAND
IS NOT GOOD STAY AWAY
MAY GOD BLESS THE ISLAND !!!



GIVE UP AND STAY OFF. DO
RIGHTS. IT'S WORTH
SAVING.
Edison Jt.

TIME AND SPACE



TIME & SPACE

Baton Rouge

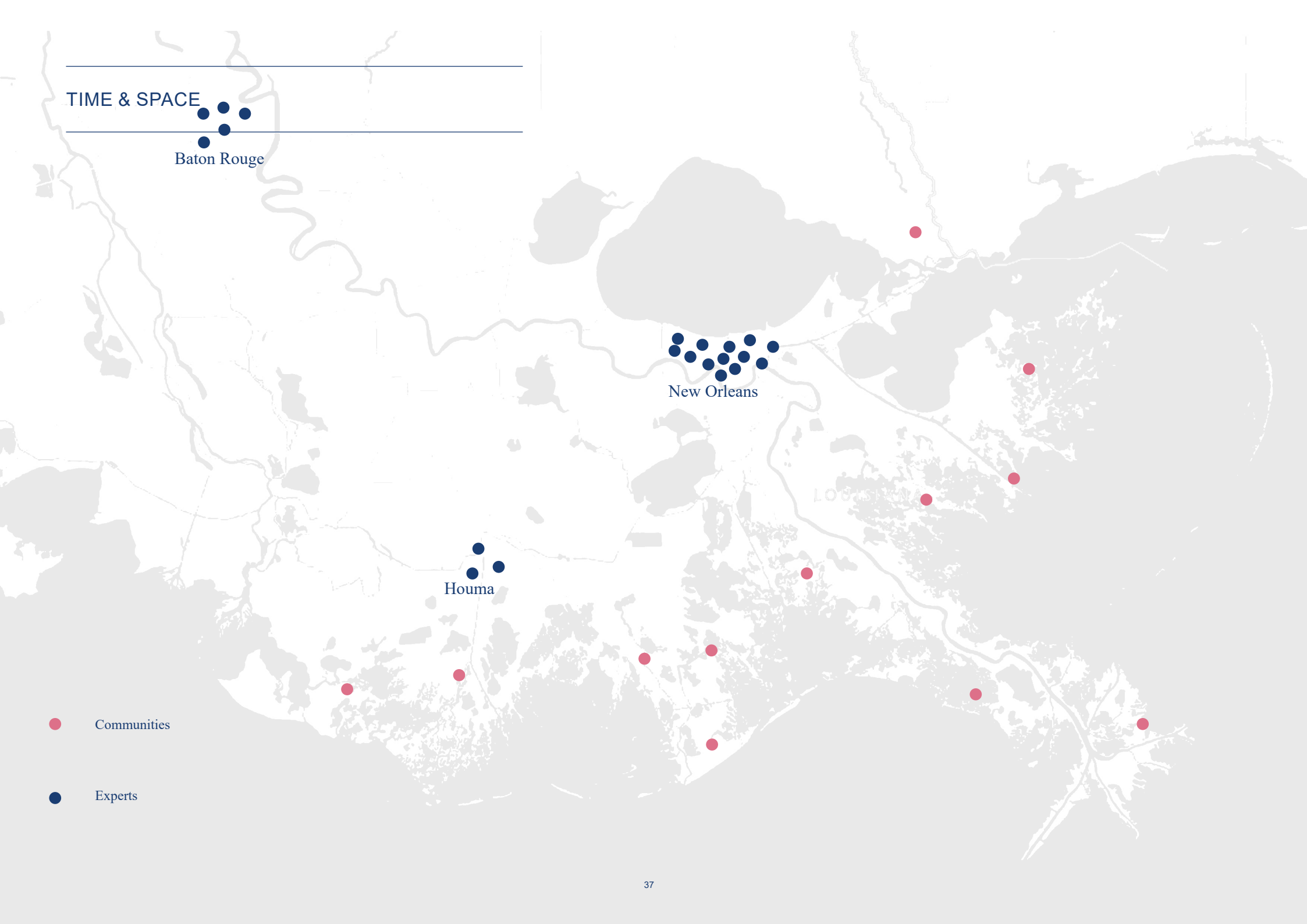
New Orleans

Houma

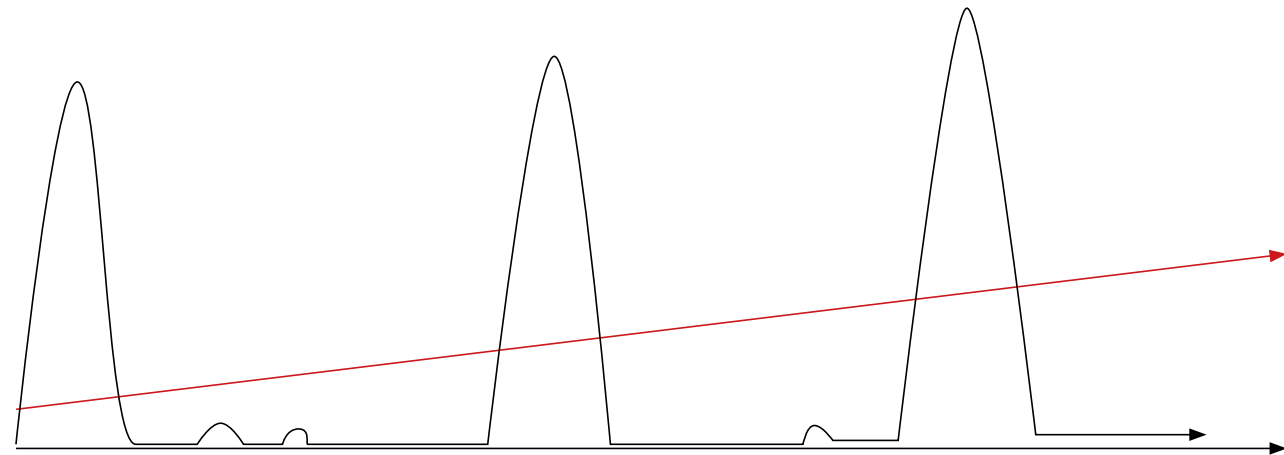
LOUISIANA

● Communities

● Experts



TIME AND SPACE



black

Nature caused
incidental
extreme
[hurricanes]
[extreme flooding]

Red

human caused
permanent
relatively undetected
[land subsidence]
[oil scarring]
[sea level rise]

LOSS AND ERASURE



LOSS AND ERASURE

ERASURE

Land Loss

land subsistence and sea level rise



Environmental Loss

harm to the environment; endangerment of species, landscapes, habitats



Material Loss

Flooding and hurricanes destroy the material practises of the residents, including homes, memorabilia, objects



Cultural Loss

The ways of life, including their stories and materiality are fading out.



Community Loss

Decline in community population and in sense of communal belonging



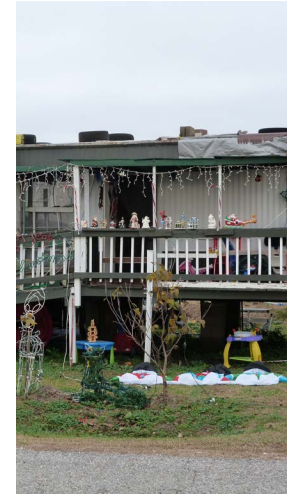
Economic Loss

Decline in economic possibilities (mostly fishery related)



Resource Loss

Deinvestment from the state in resources such as electricity, road maintenance, levee system



LOSS AND ERASURE

“We are the first sacrifice. We refuse to move. We are custodians of the environment and if we relocate, who will be the watchdog? The erasure will just continue and it will be as if nothing was ever there to begin with.”

LOSS AND ERASURE

ERASURE

Land Loss

land subsidence and sea level rise

Environmental Loss

harm to the environment; endangerment of species, landscapes, habitats

Cultural Loss

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Material Loss

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Community Loss

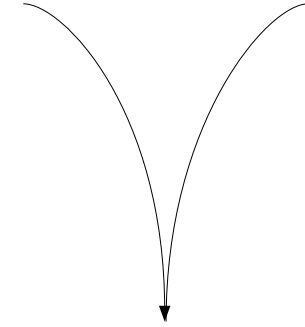
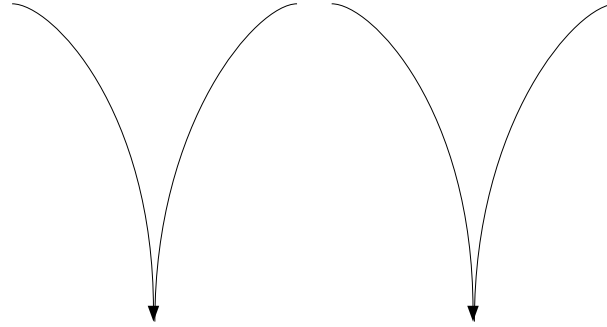
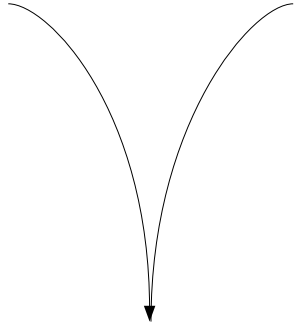
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STEWARDSHIP

IDENTITY & KNOWLEDGE PRESERVATION

SURVIVAL & SUBSISTENCE

(SAVING THE ENVIRONMENT)

(SAVING THE COMMUNITY)

(SAVING THE PHYSICAL PLACE)

OPERATION

RESISTANCE

ERASURE

Land Loss

land subsistence and sea level rise

Environmental Loss

harm to the environment; endangerment of species, landscapes, habitats

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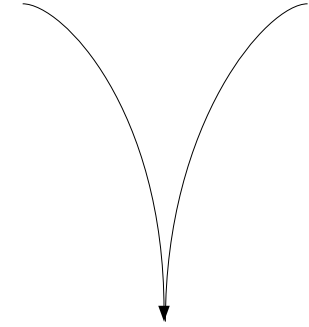
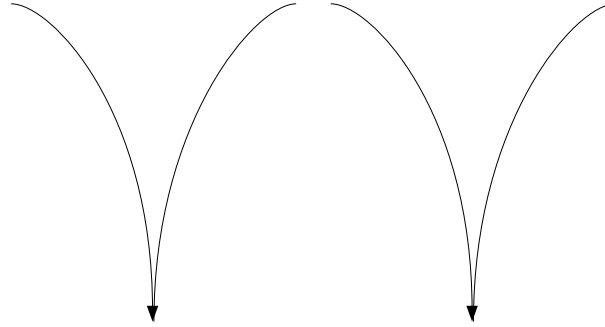
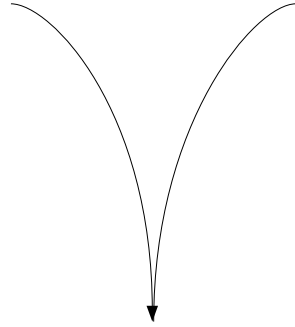
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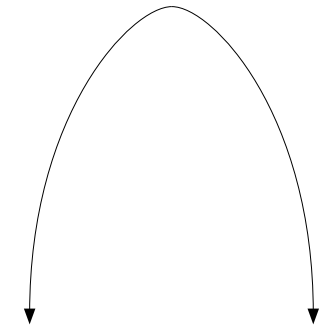
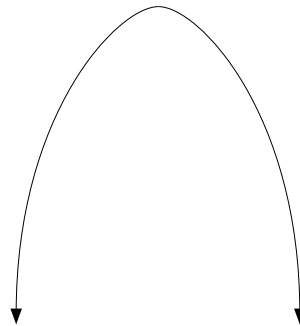
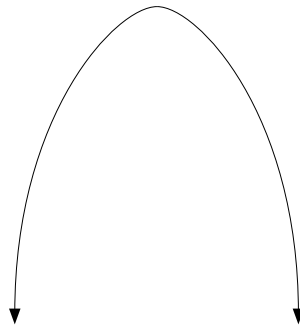


STEWARDSHIP

IDENTITY & KNOWLEDGE PRESERVATION

SURVIVAL & SUBSISTENCE

OPERATION



#1 Evidence

Evidential proof (scientific) to build case against oil and gas industries (environmental focus)

#2 Visibility / Voice

Give gravitas to story and make oneself visible

#3 Preservation

Preserve both narratives and materials connected to local practises (cultural focus)

#4 Identity

Strengthen communal ties and collective identity

#5 Network

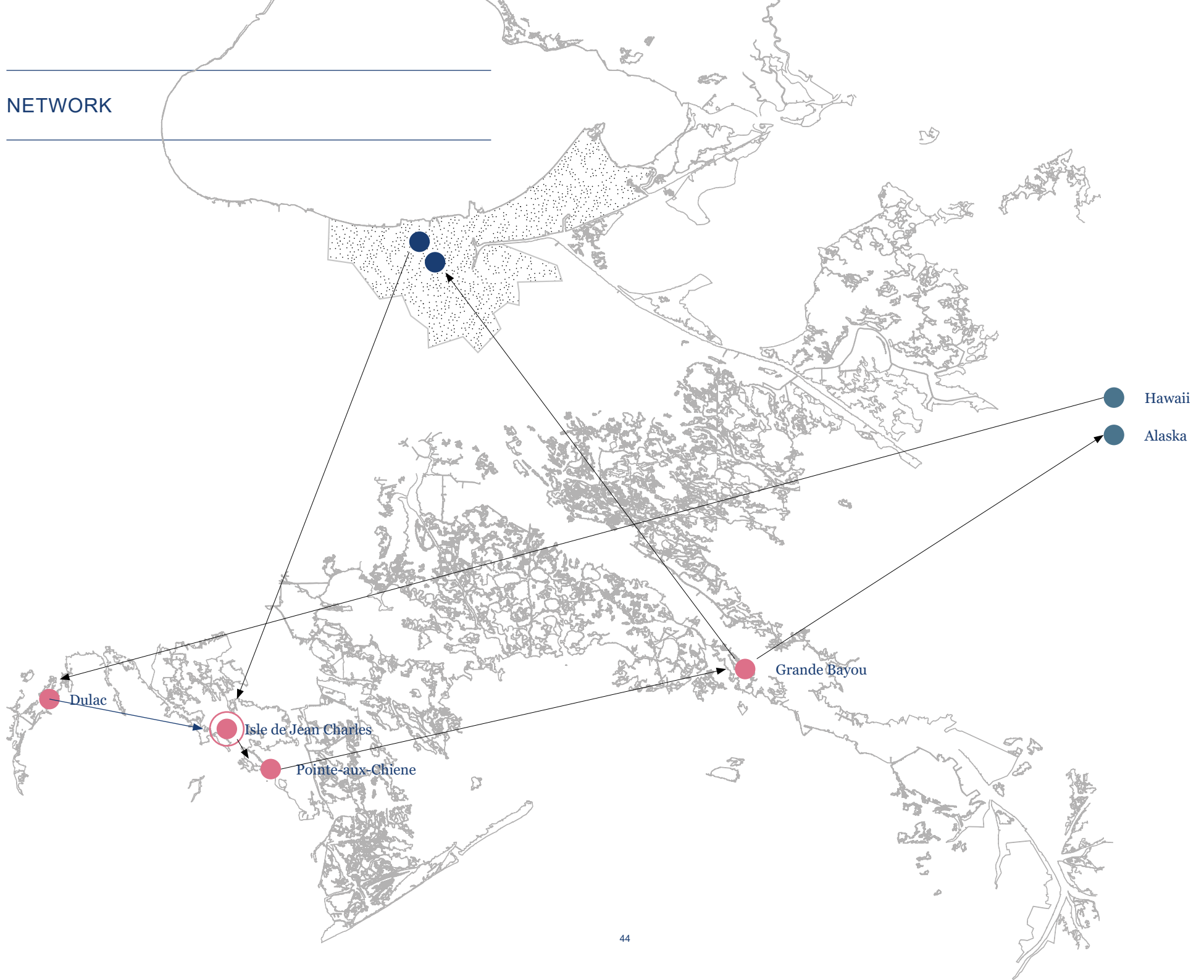
Cooperate to create economic opportunities and share knowledge

#6 Aid / Alternatives

Connect to outside organizations to get help in finding new modes of living

METHOD OF RESISTANCE

NETWORK



SUMMARY

VALUE

In the history of Louisiana the government has continuously chosen the oil industry over saving its ecosystem and communities. There is a discrepancy in what is considered valuable.

TIME & SPACE

Land loss is a type of violence largely playing in the background at remote areas with small population at a slow, almost undetectable pace. The damage done by hurricanes is much more visible and intense and therefore more in the foreground.

ERASURE

At a slow pace communities and their ways of life are slowly being erased. Not just their physical land is fading away, but their community identity, and the natural ecosystem as well.

RESISTANCE

Currently the different communities employ many tactics of resistance, including speaking at events, protest signs, forming networks, etc.

MY POSITION

VALUE

I believe the narrative of what has value has to be shifted away from oil and gas as economic motor towards the value of the communities and ecosystem. No more economic sacrifice zone.

TIME & SPACE

To achieve this, a project is needed that can overcome the dimensions of time and space, attracting attention to the periphery over a longer period of time.

ERASURE

In trying to save the coast, it is important to not only try and save the specific physical space, but the stories and identities of communities, and the ecosystem at large as well.

RESISTANCE

There is already a lot of resistance happening within these communities. Therefore, they themselves should be the agents and leaders in this process and architecture can be offered as a tool they can use according to their needs.

NETWORK

This shifting of the narrative and the proposing of an alternative way of looking at value cannot be done alone. A collaborative effort is needed to reach the audience at large and power should be bundled.

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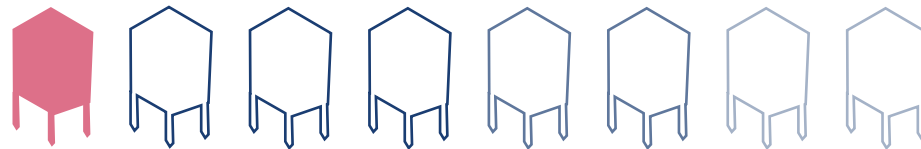
IV DESIGN
BUILDING THE LINE

V REFLECTION
LANDSCAPES OF RESISTANCE





THE START

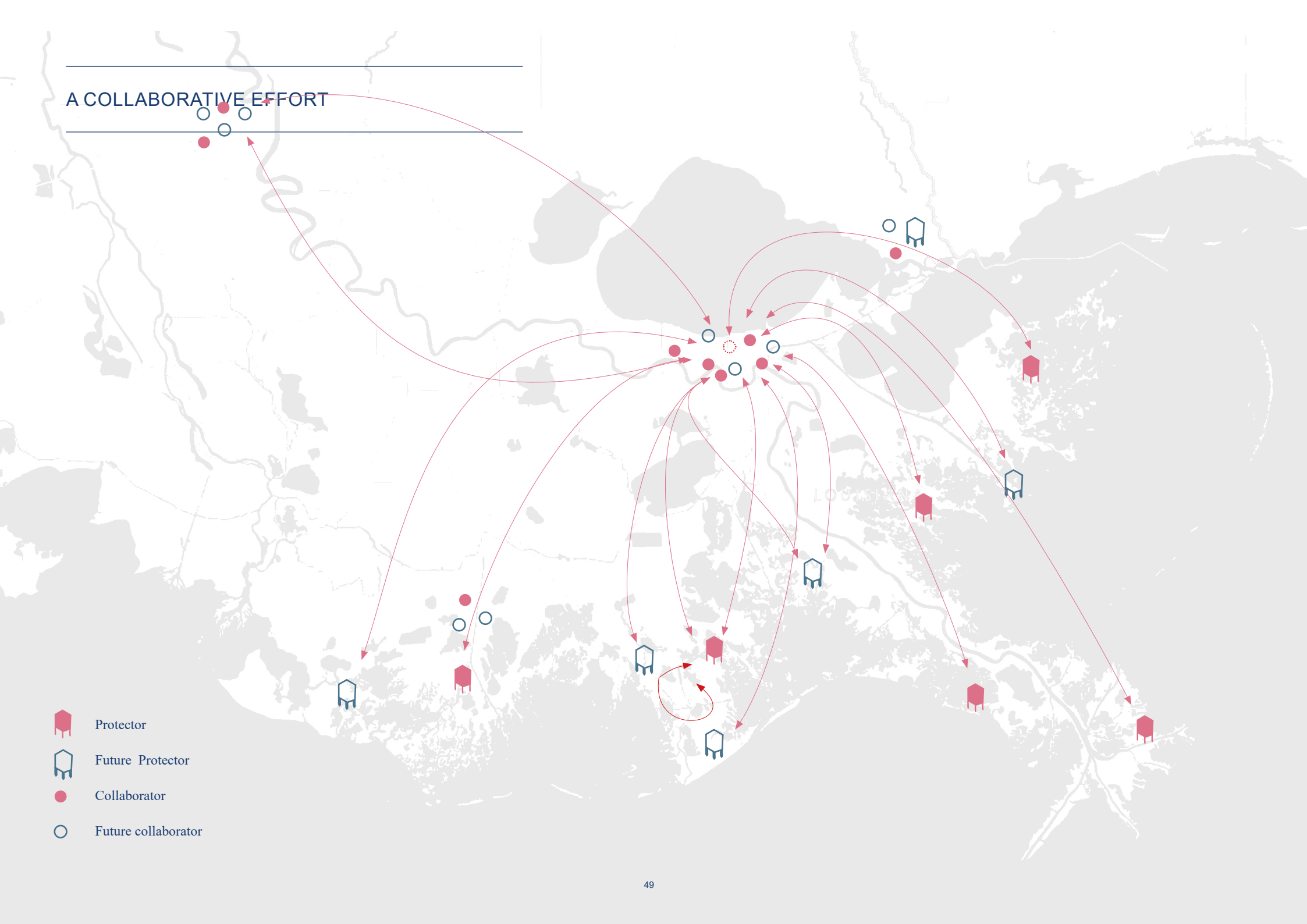
MULTIPLIER

Generic modular system which can be adapted to each specific site.



A COLLABORATIVE EFFORT

-  Protector
-  Future Protector
-  Collaborator
-  Future collaborator

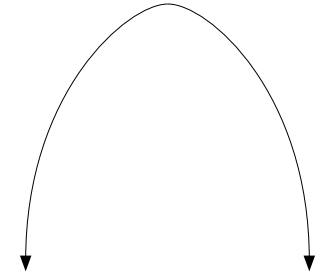
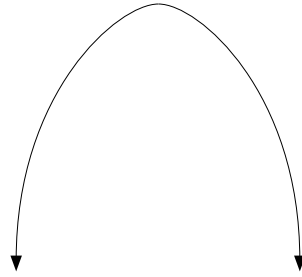
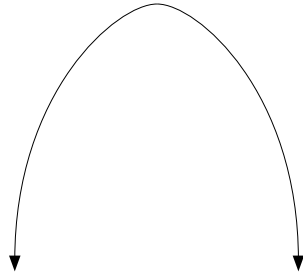


OPERATION

STEWARDSHIP

IDENTITY & KNOWLEDGE PRESERVATION

SURVIVAL & SUBSISTENCE



METHOD OF RESISTANCE

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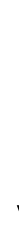
Preserve both narratives and materials connected to local practises (cultural focus)

#5 Protection

Connect to outside organizations to get help in finding new modes of living

#6 Aid / Alternatives

Connect to outside organizations to get help in finding new modes of living



DESIGN TOOL

visualization of landloss

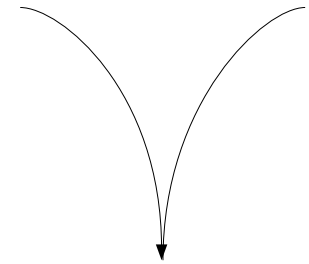
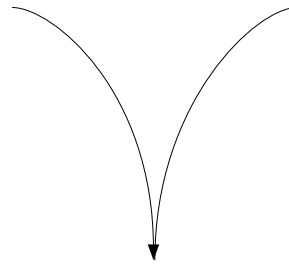
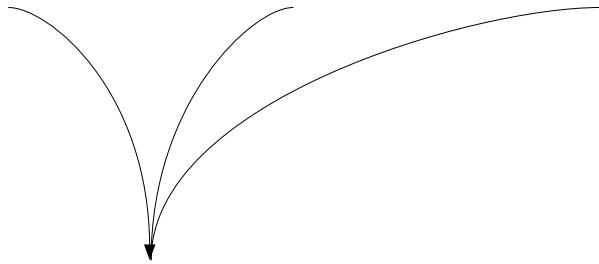
Symbolic and reckognizable shape

Space to invite, teach, and share

Communal space to share and collect

Protecting the land and resources

Testing alternative ways of living



THE BUILDING AS

COUNTER NARRATIVE

HOST

LANDSCAPE PROTECTOR

OPERATION

STEWARDSHIP



IDENTITY & KNOWLEDGE PRESERVATION

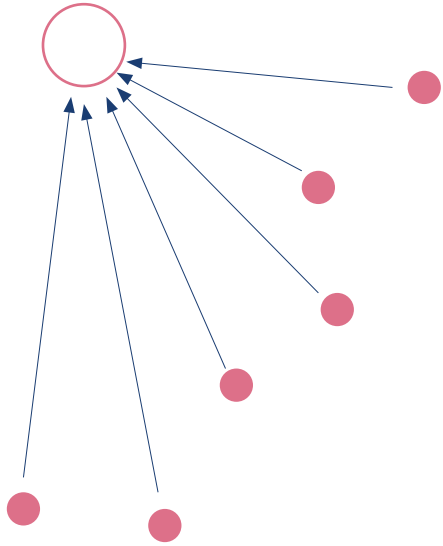


SURVIVAL & SUBSISTENCE

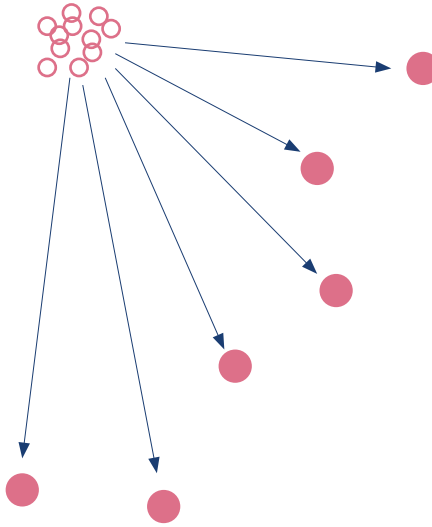


THE BUILDING AS

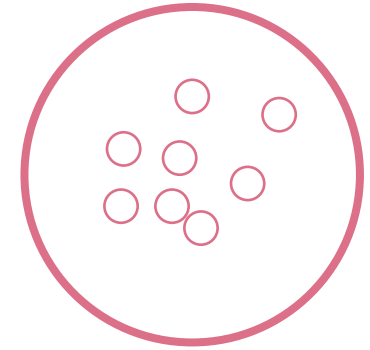
COUNTER NARRATIVE



HOST



LANDSCAPE



OPERATION

STEWARDSHIP



IDENTITY & KNOWLEDGE PRESERVATION



SURVIVAL & SUBSISTENCE

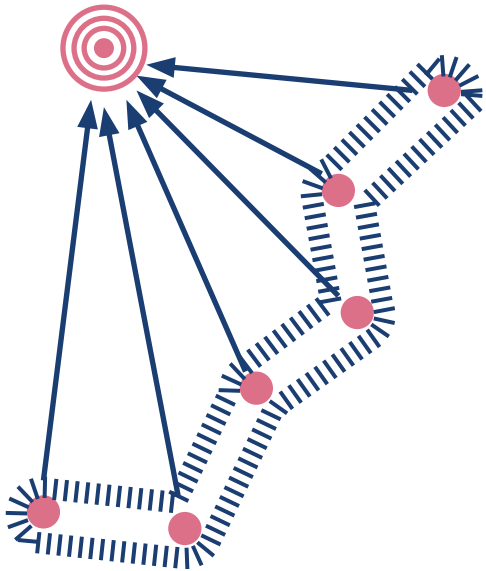


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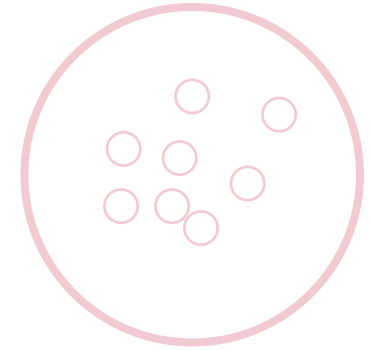
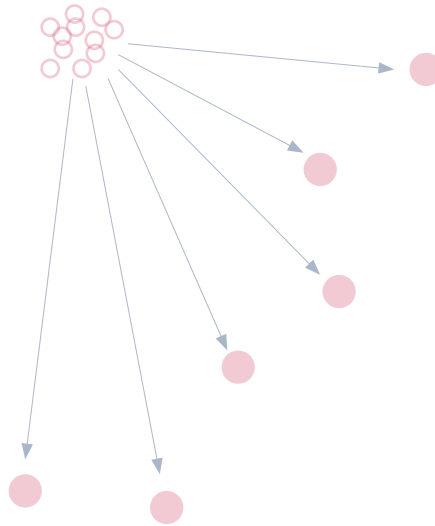
COUNTER NARRATIVE

HOST

LANDSCAPE



INCIDENTAL ACTIVATION



LOSS

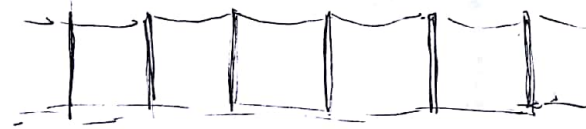
“This all used to be land... As far as you could see.”



THE VERTICAL LINES OF MEMORY



Tree line

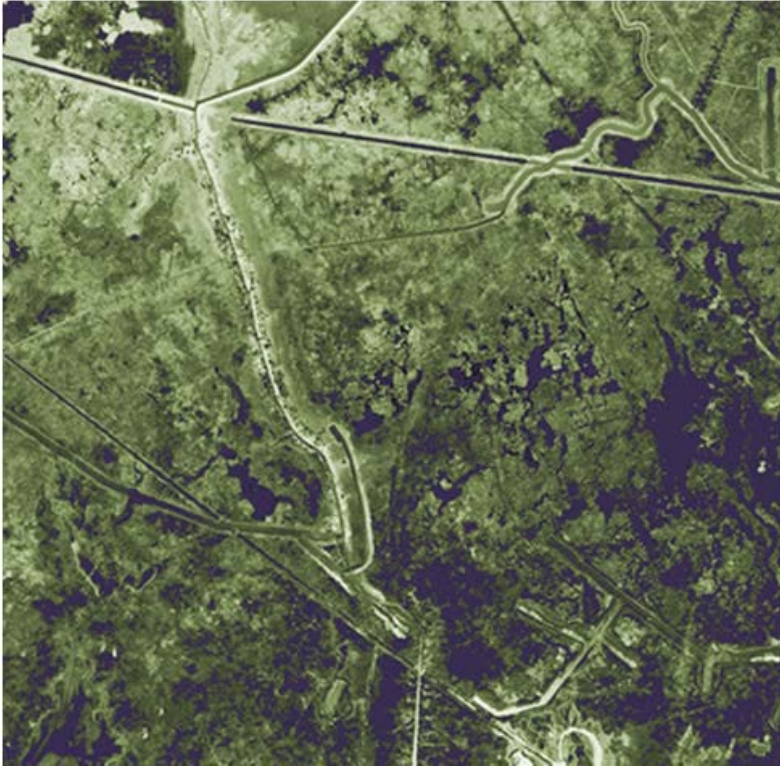


Street poles



Structure

HORIZONTAL LINES

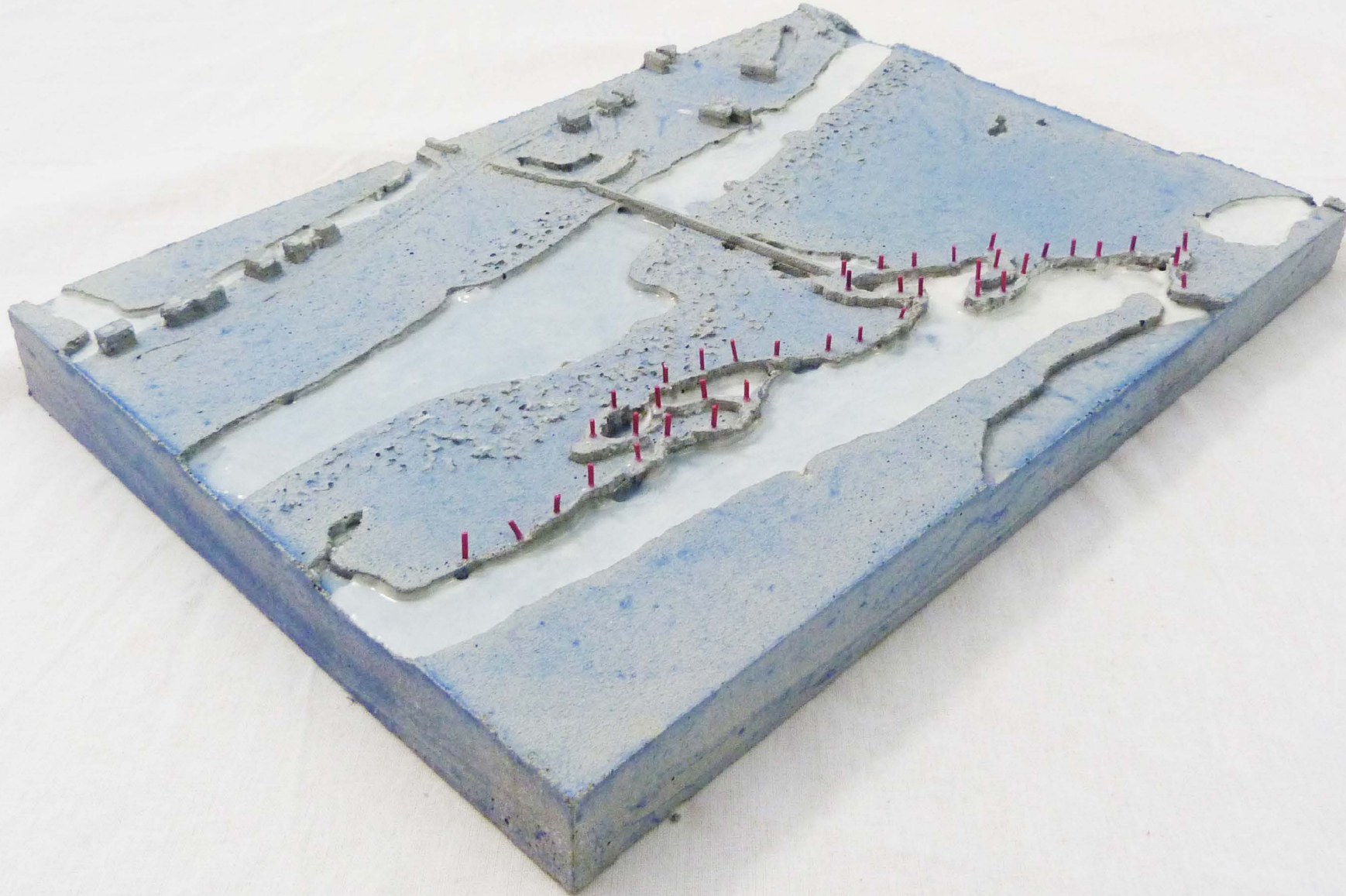


1963



2008

THE COLLECTIVE FRONTLINE

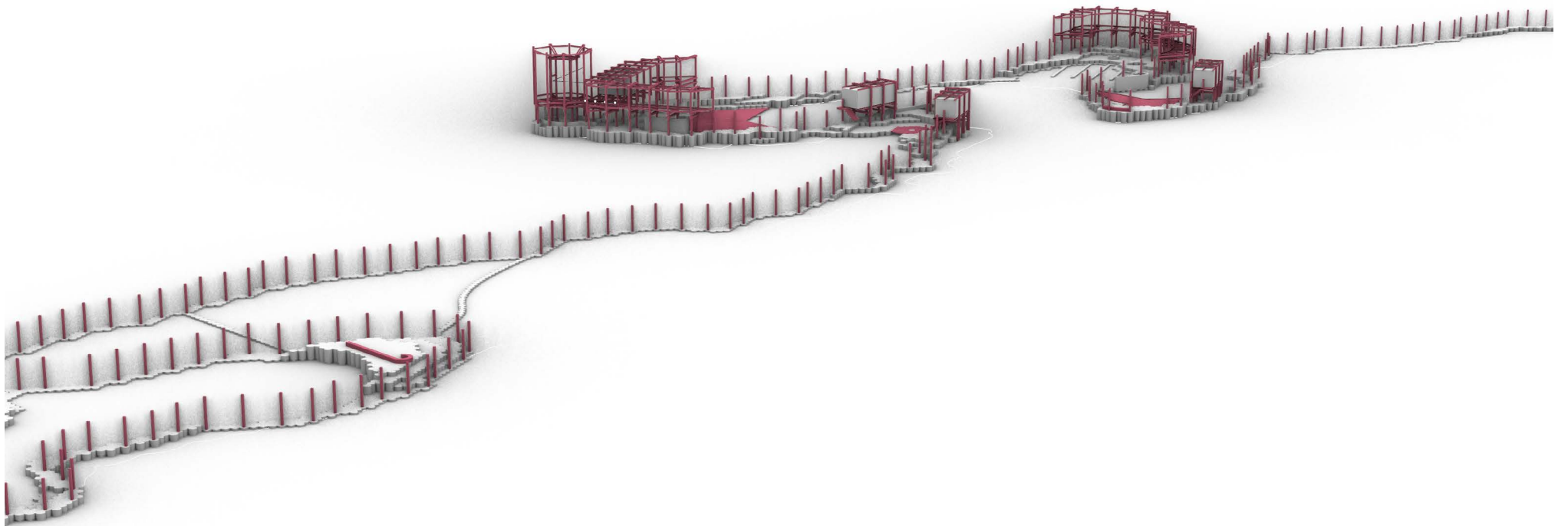


THE COLLECTIVE FRONTLINE

COUNTER NARRATIVE

HOST

LANDSCAPE

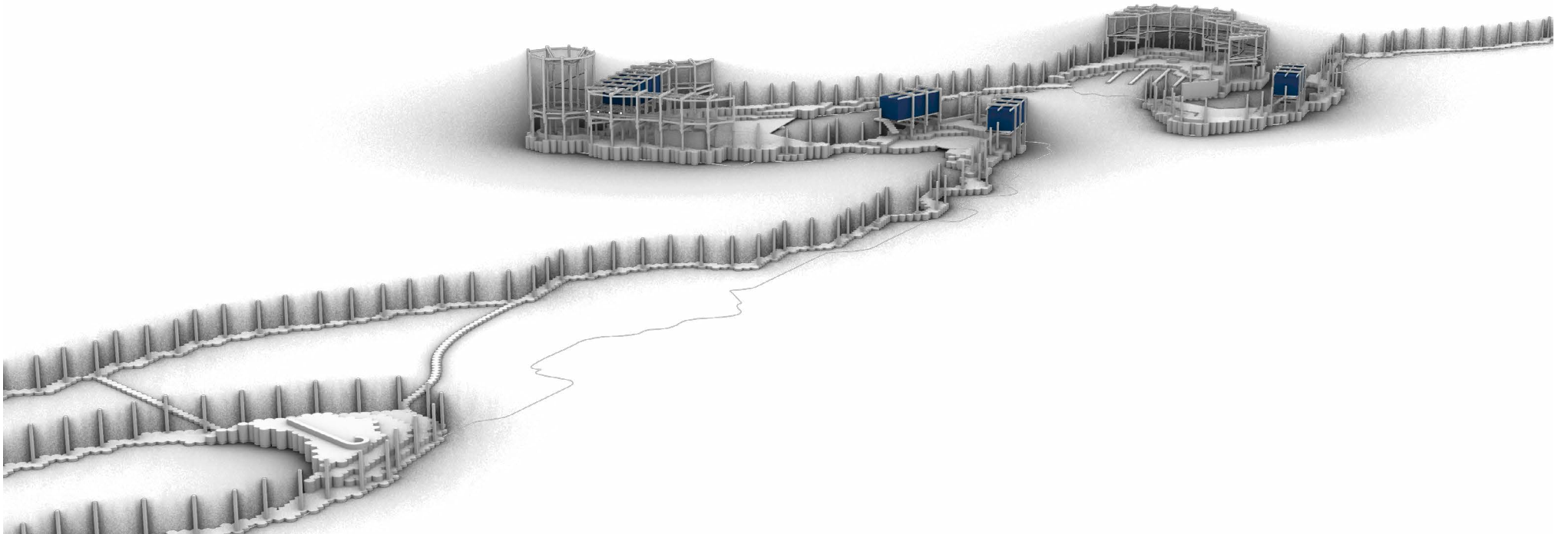


THE COLLECTIVE FRONTLINE

COUNTER NARRATIVE

HOST

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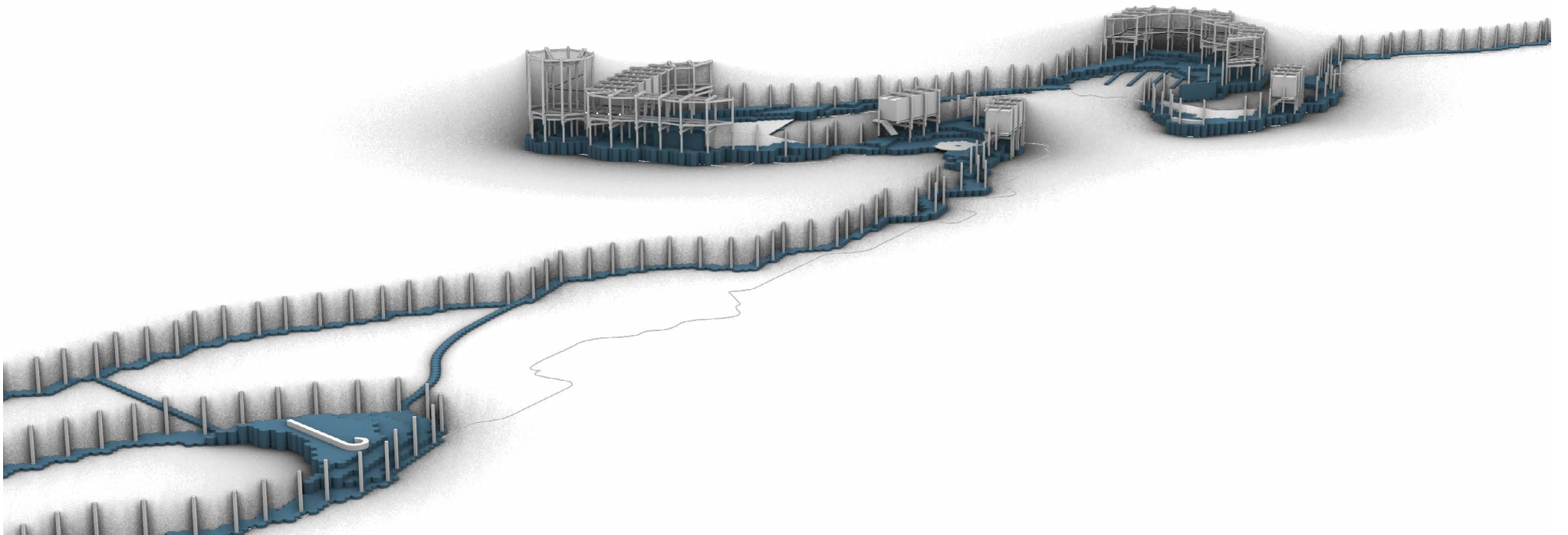


THE COLLECTIVE FRONTLINE

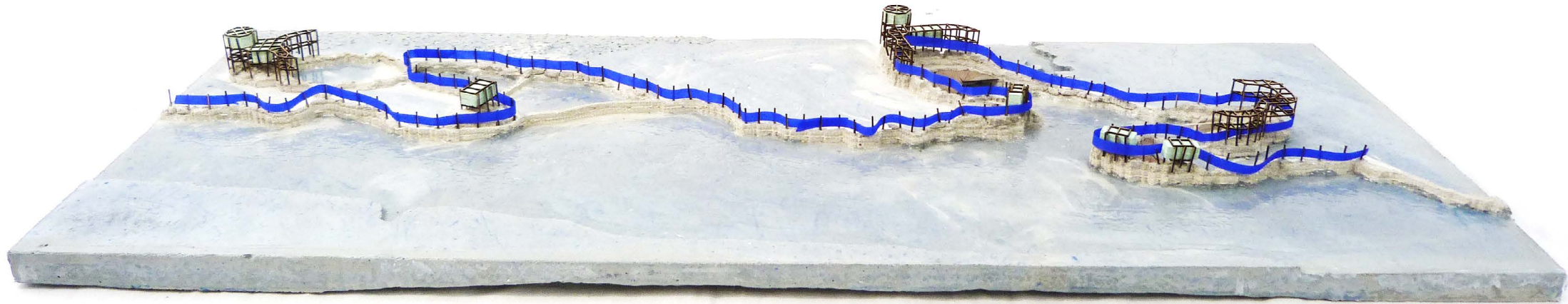
COUNTER NARRATIVE

HOST

LANDSCAPE



DESIGN



THE COLLECTIVE FRONT LINE



I MOTIVATION
CLIMATE AND MIGRATION

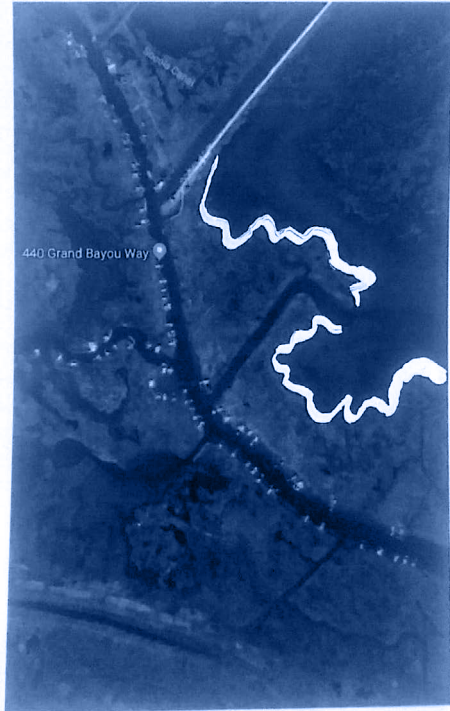
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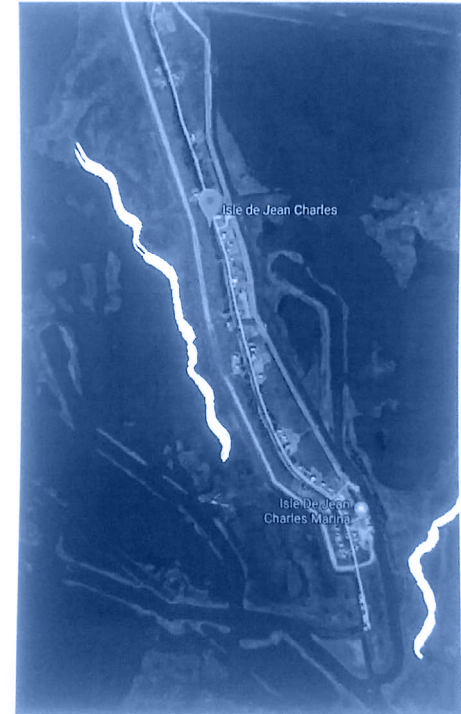
MODULAR SYSTEM / DIFFERENT LINES



GRAND BAYOU



DULAC



ISLE DE JEAN CHARLES

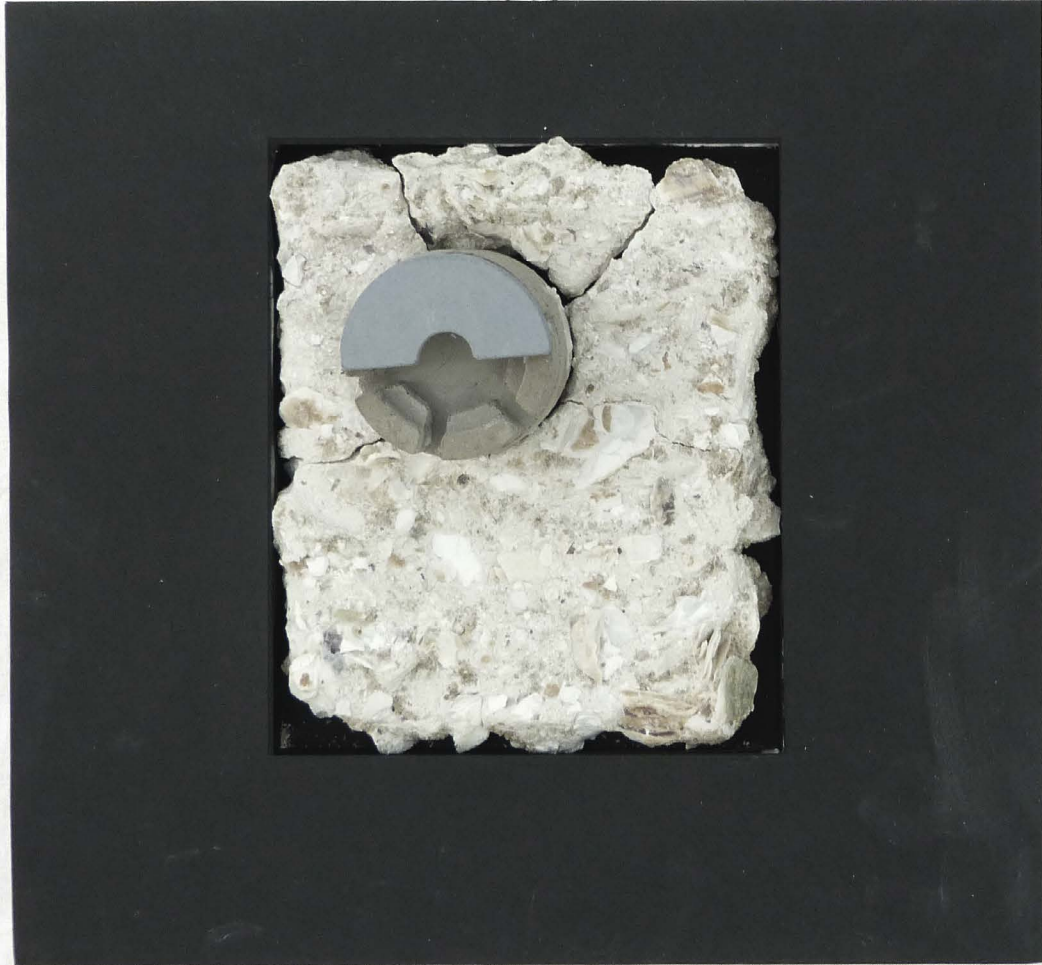
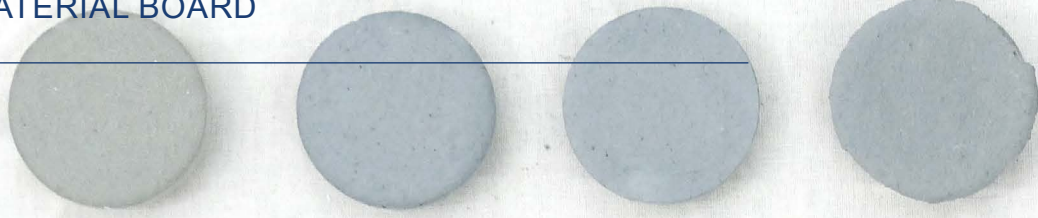
SIMPLE CONSTRUCTION



MATERIAL



MATERIAL BOARD



MODULAR SYSTEM

open water

aquatic bench

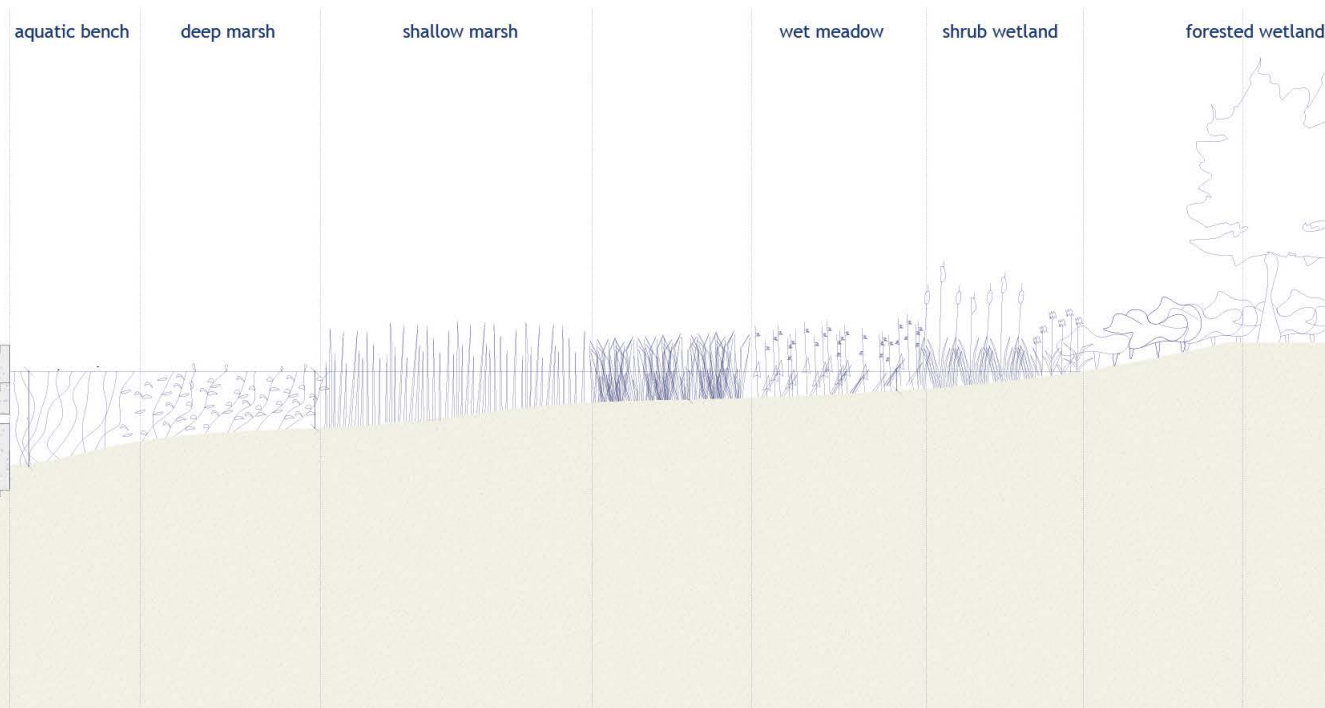
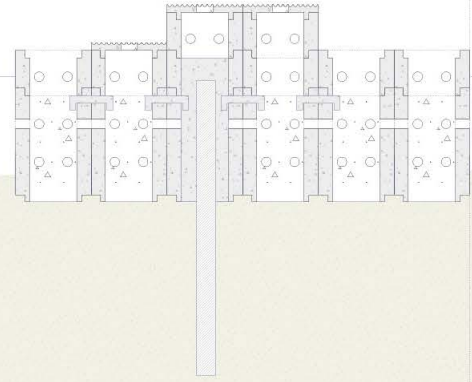
deep marsh

shallow marsh

wet meadow

shrub wetland

forested wetland



MODULAR SYSTEM

open water

deep marsh

oyster reef

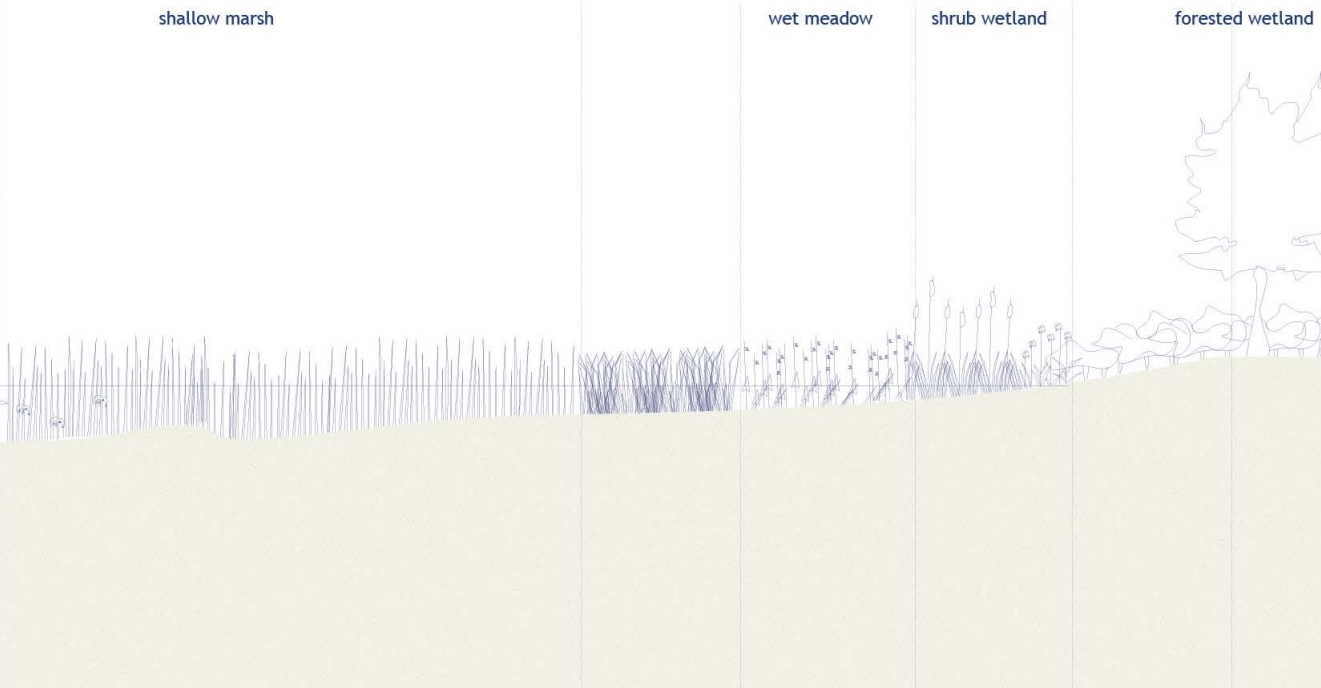
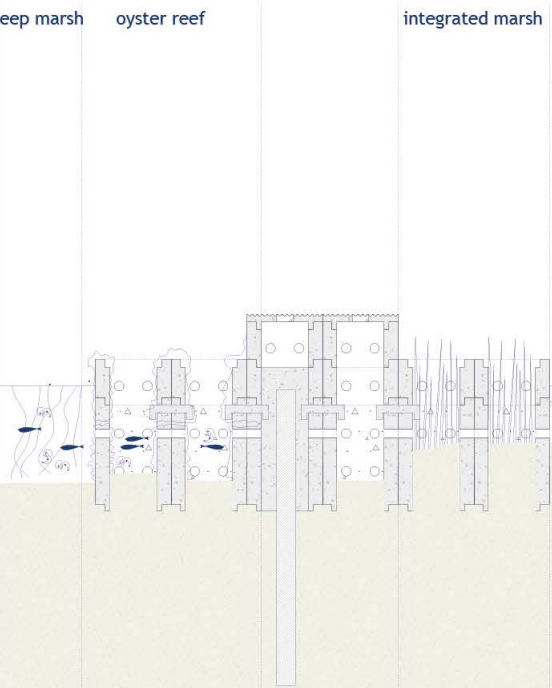
integrated marsh

shallow marsh

wet meadow

shrub wetland

forested wetland



LAND REGENERATION



MODULAR SYSTEM



MODULAR SYSTEM



MODULAR SYSTEM



MODULAR SYSTEM



MODULAR SYSTEM



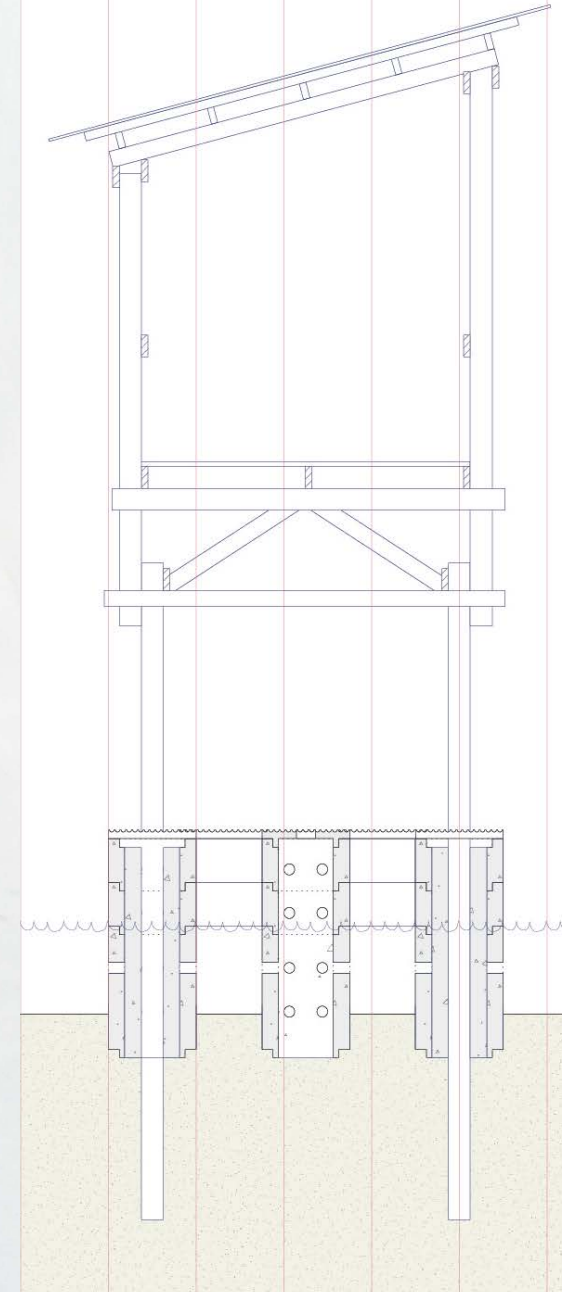
MODULAR SYSTEM



MODULAR SYSTEM



MODULAR SYSTEM

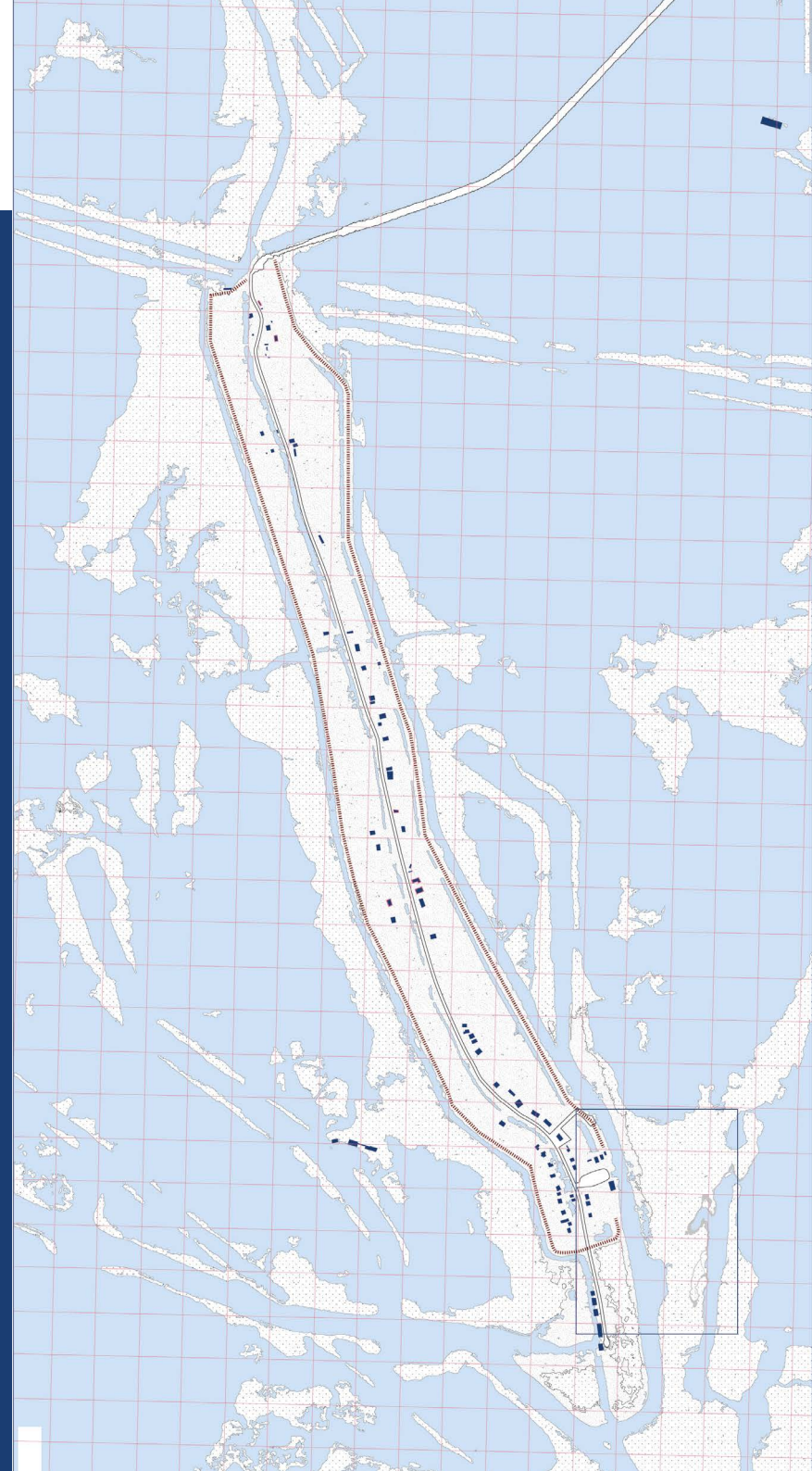
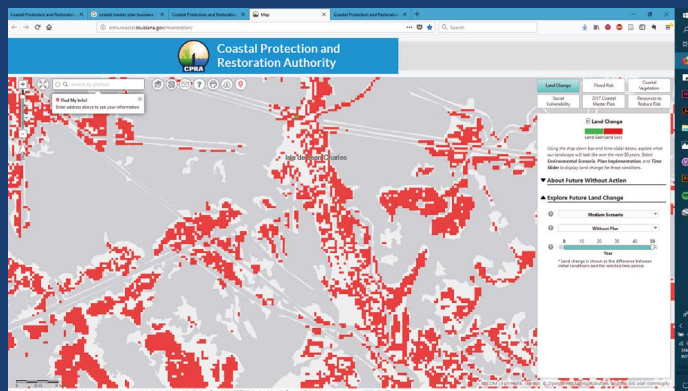
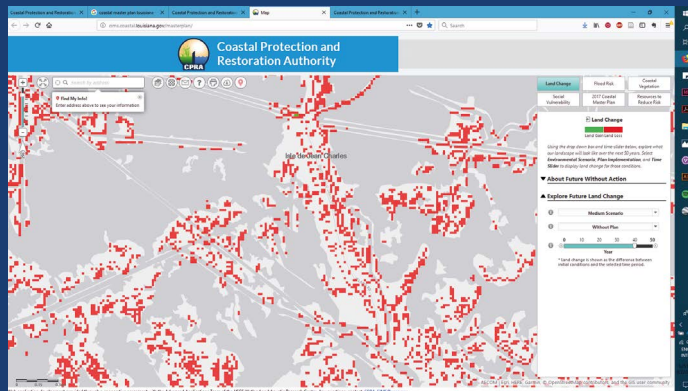
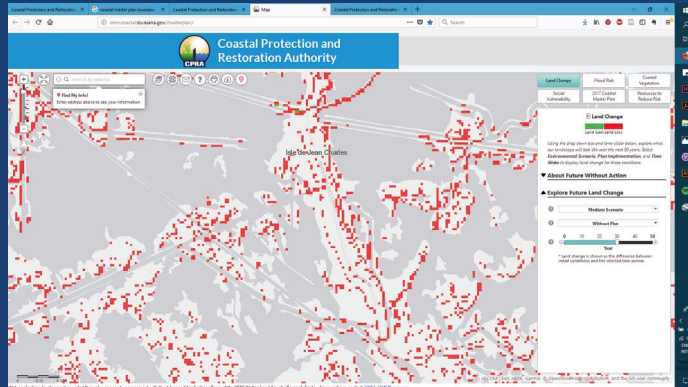


THE START

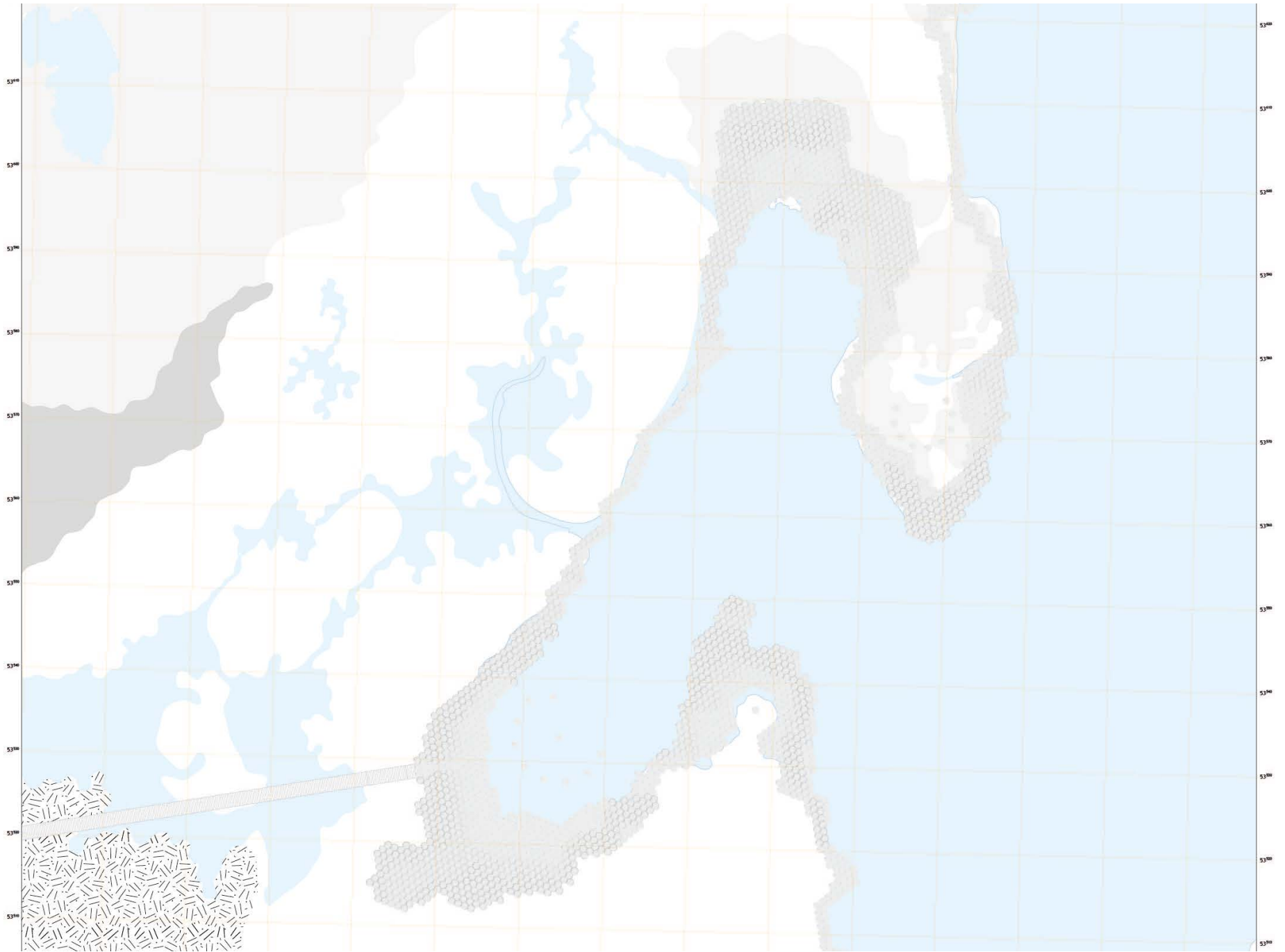
STEP ONE: COMMUNITY COME TOGETHER AND
DECIDE THE LINE

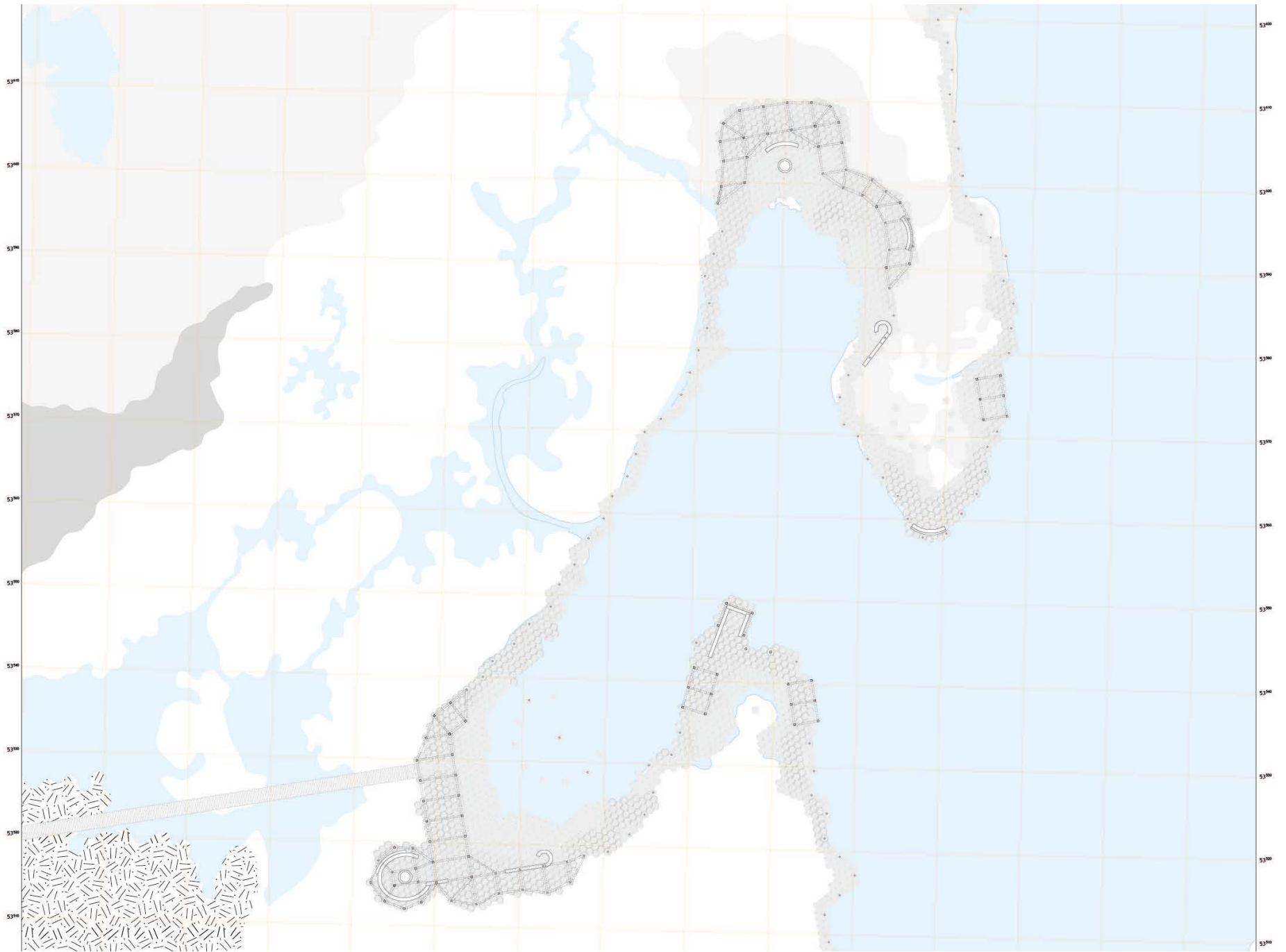


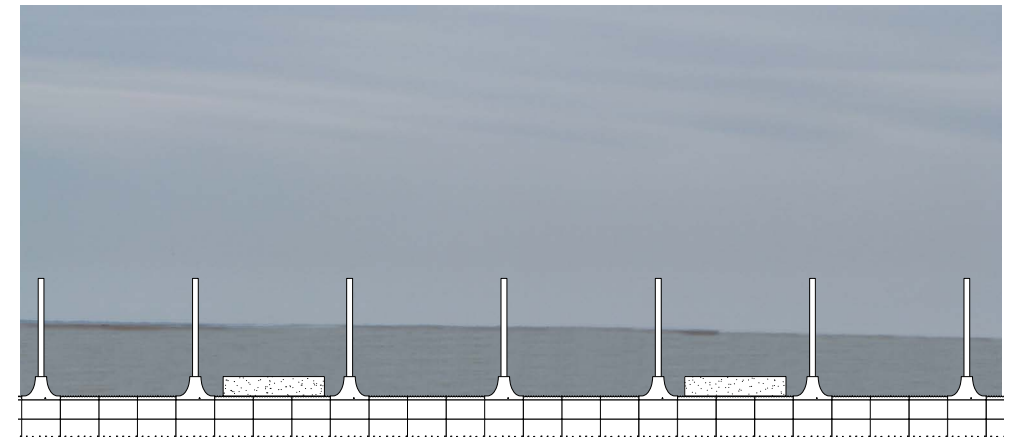
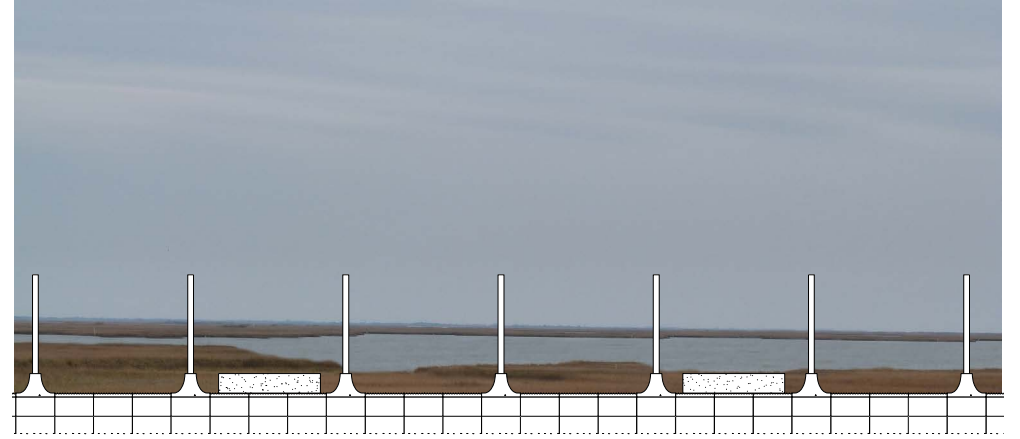
THE START



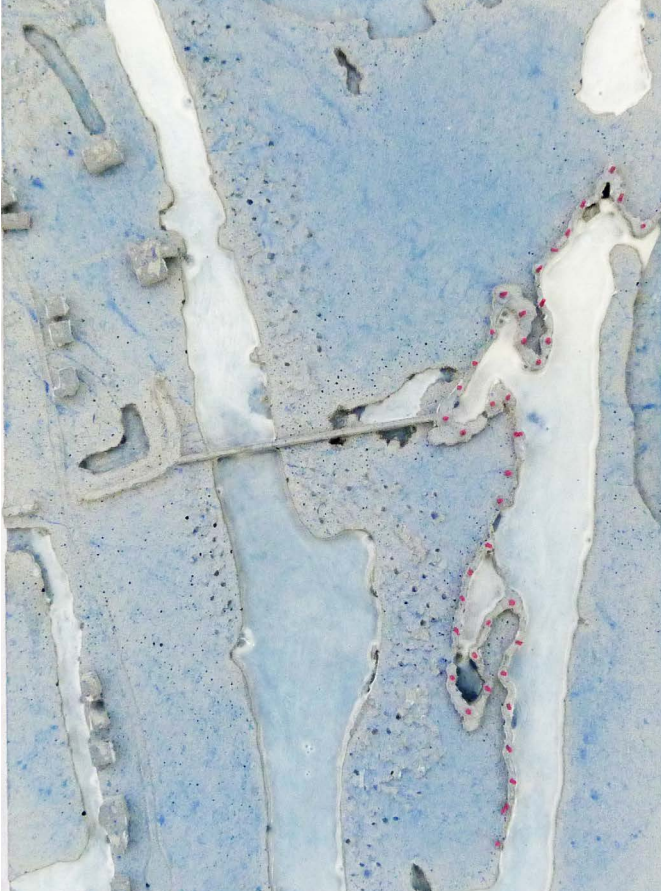




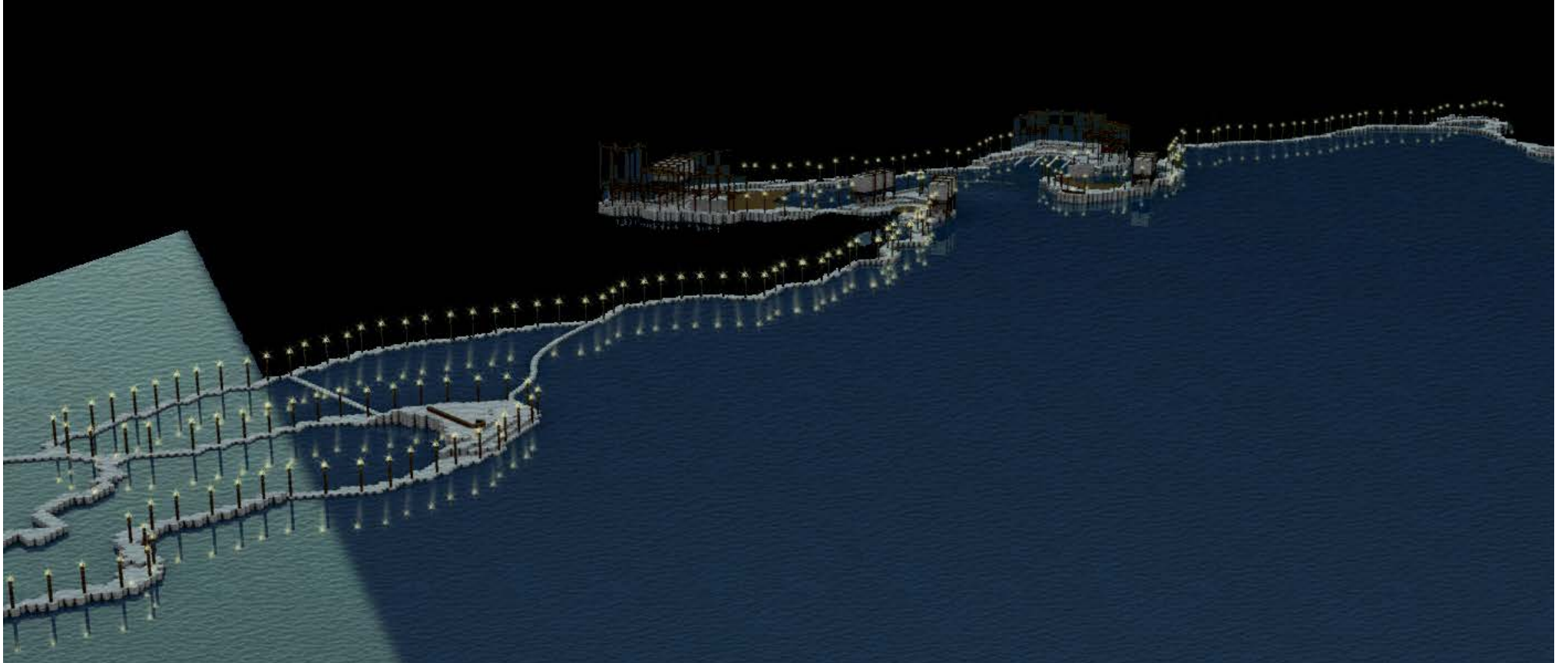


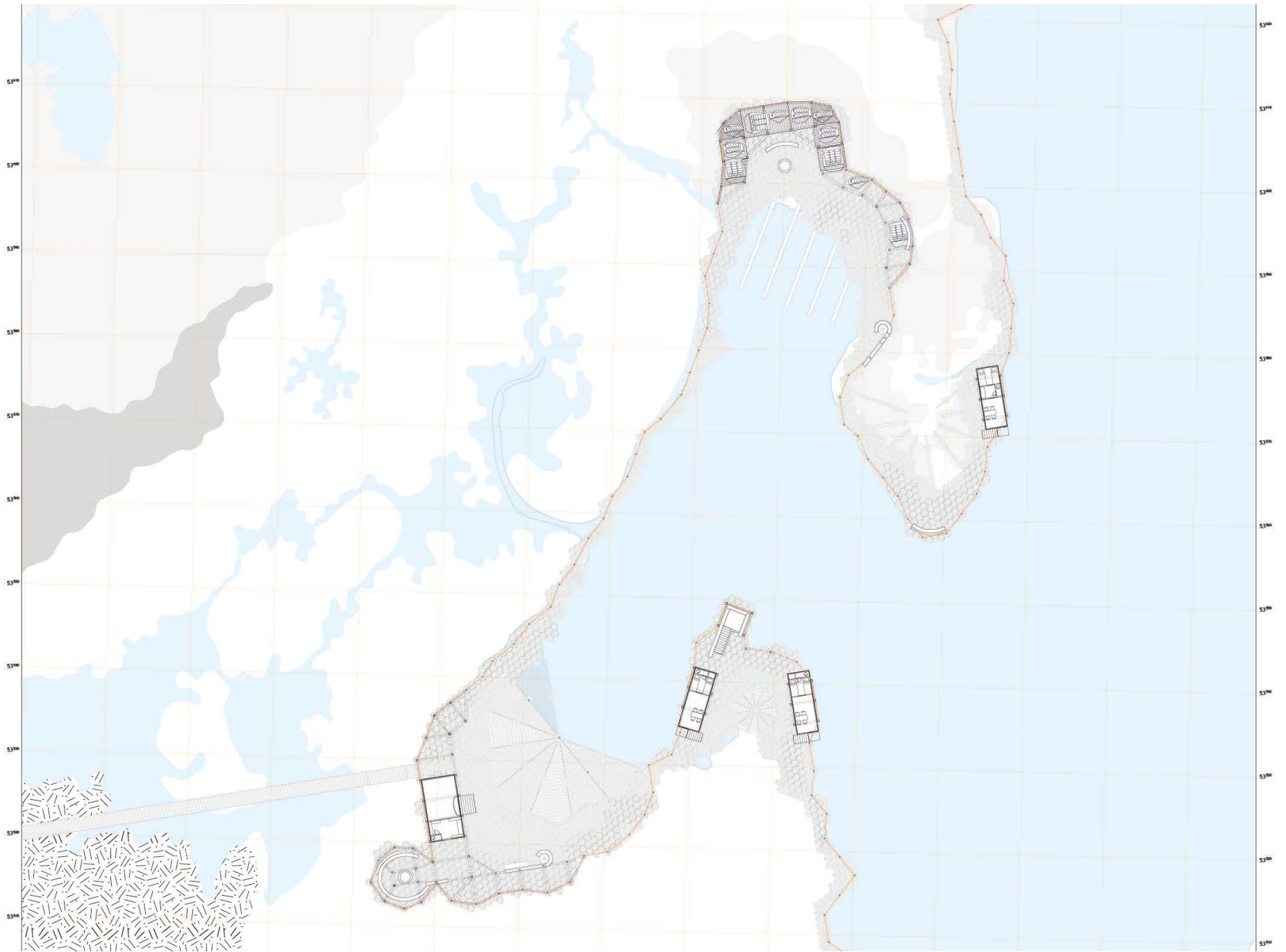


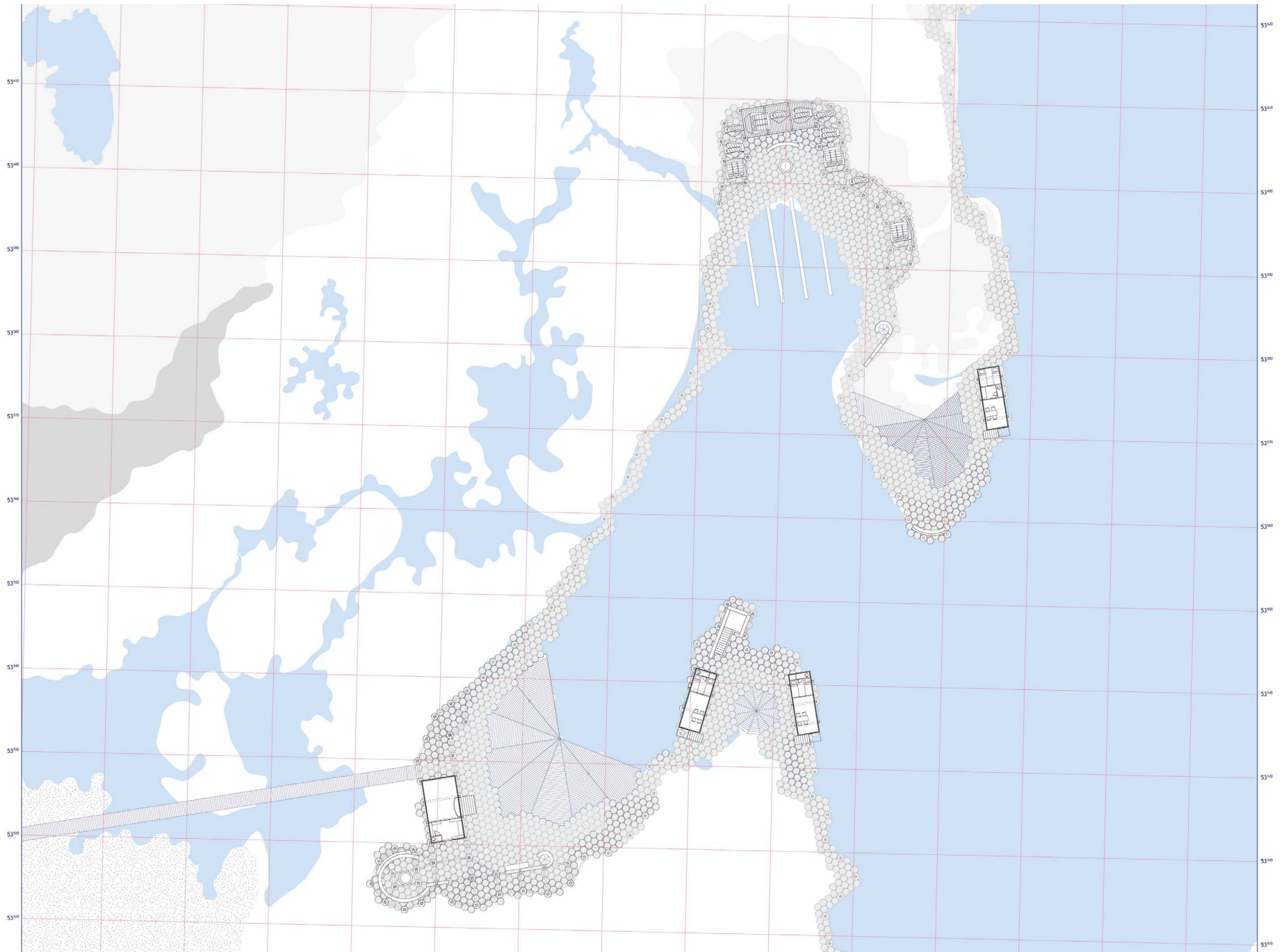
LANDSCAPE CHANGES

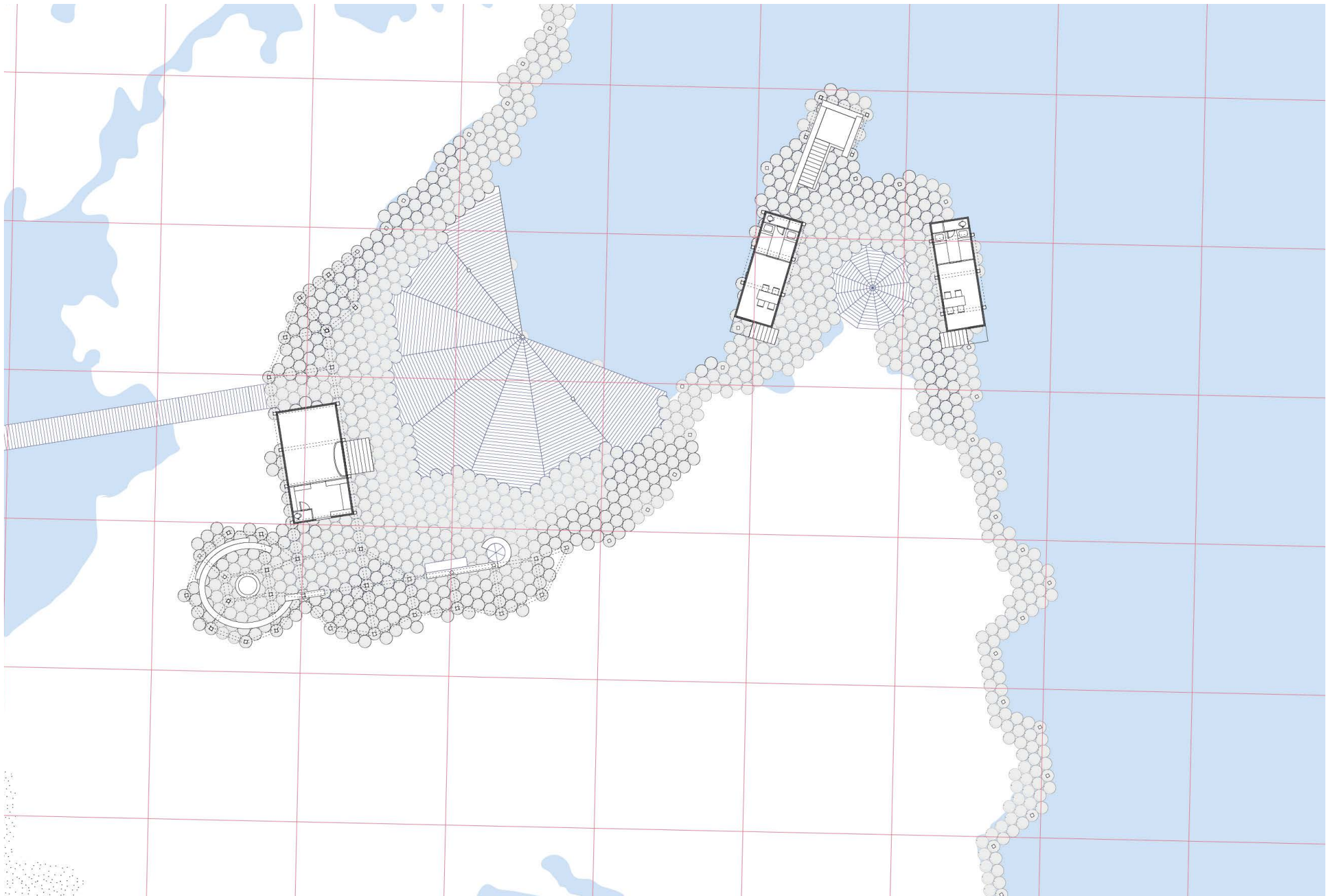


NIGHT/ LIGHT

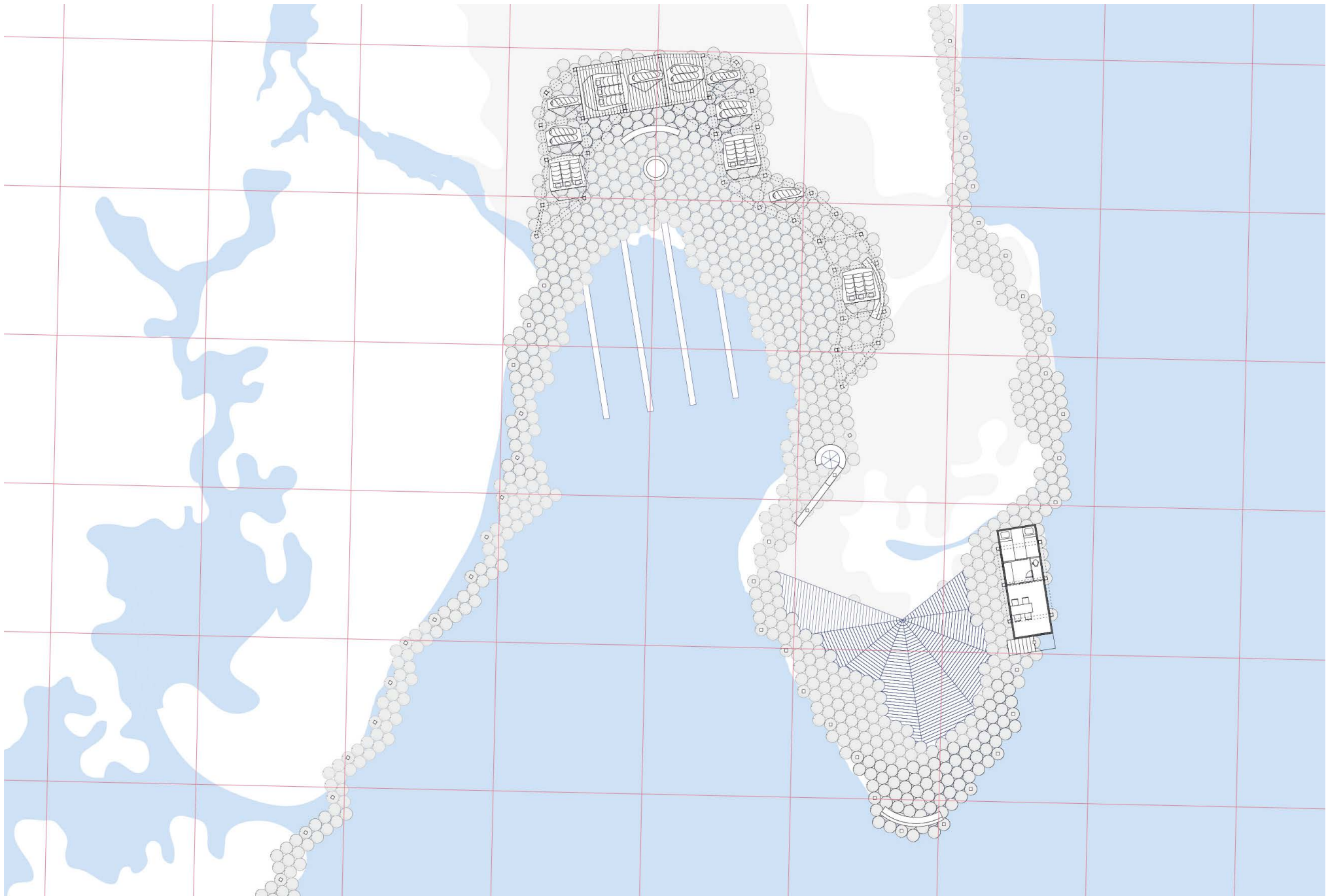










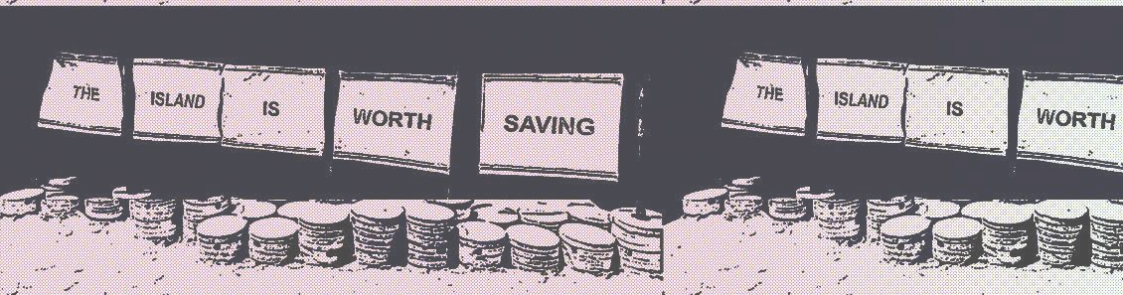
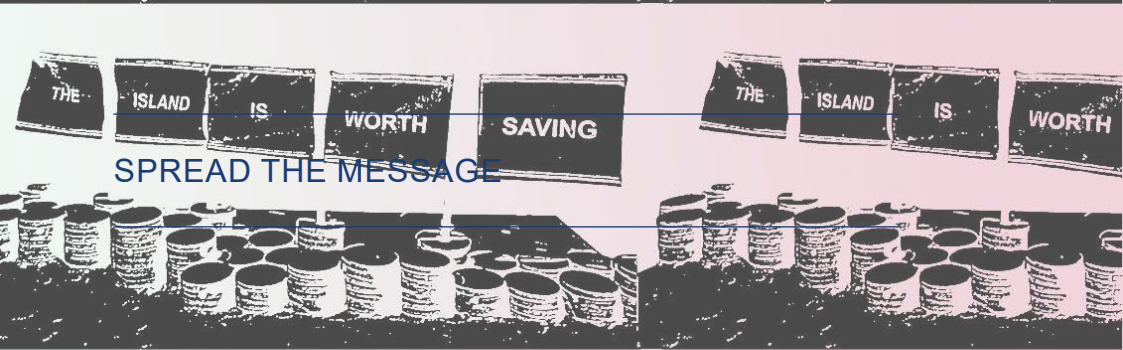




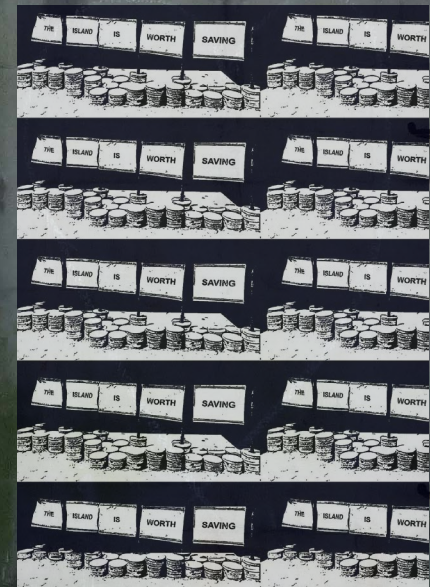
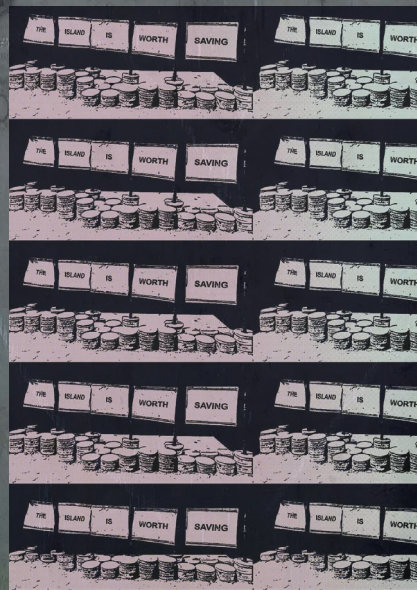


ACTIVATING THE LINE

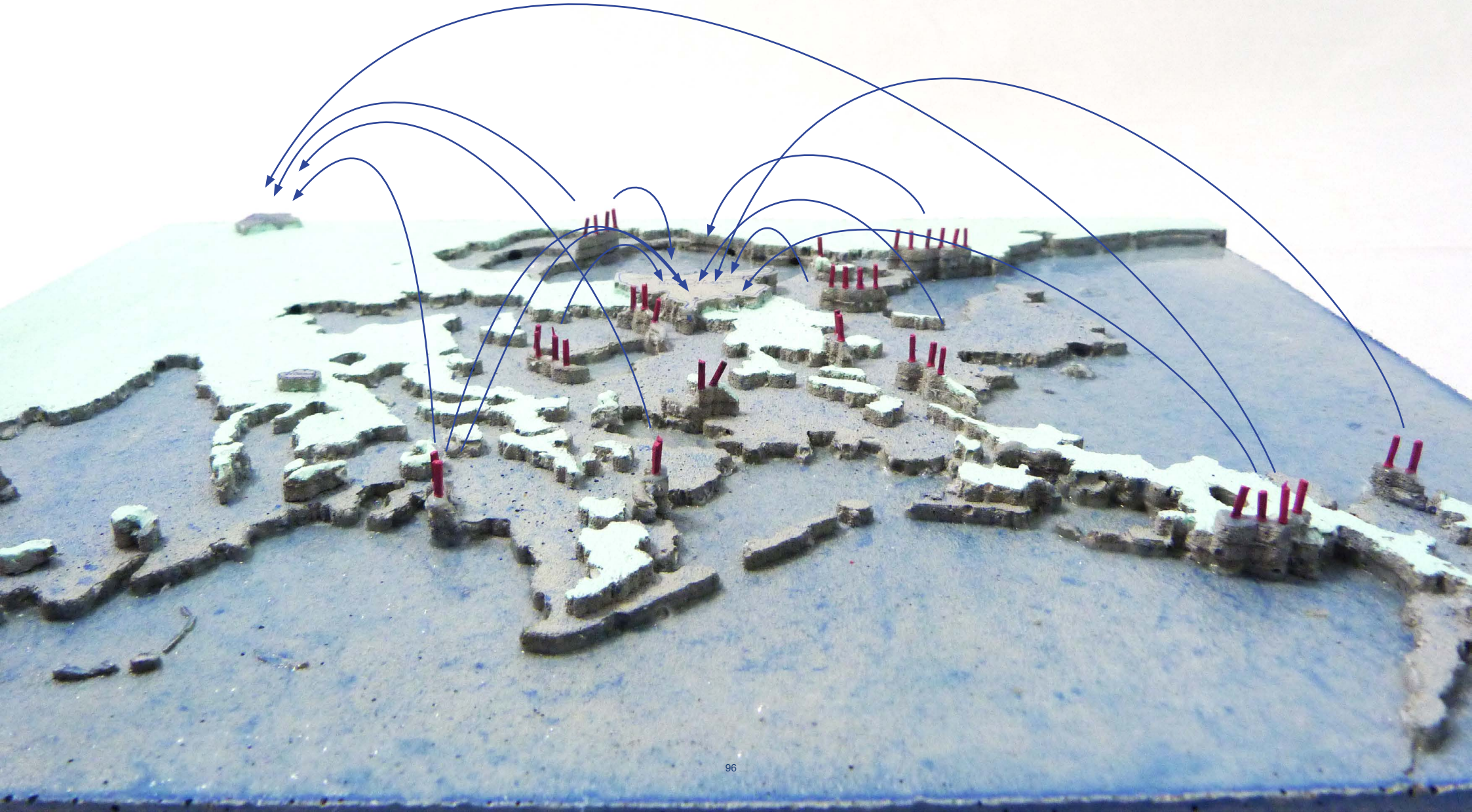




SPREAD THE MESSAGE



NO MORE SACRIFICE IN THE NAME OF OIL



I MOTIVATION
CLIMATE AND MIGRATION

II RESEARCH
DOCUMENTING THE FRONLINE OF CLIMATE CHANGE

III TRANSLATION
PRESERVING THE FRONTLINE

IV DESIGN
BUILDING THE LINE

V REFLECTION
LANDSCAPES OF RESISTANCE

REFLECTION

Buildings can have the power to symbolize a specific story.

As an architect you have to choose which voices you help amplify and make part of the built history and larger narrative.

I hope I have shown what a possible use of space as a tool of political resistance could be in offering a counter narrative that has the power to resonate.

THANK YOU

