### **Artis Islands**

2019/20 2nd Semester studio at: RAVB - Rotterdamse Academie van Bouwkunst

Pygmy Hippo Project by: Savine Abendroth

**Project book** 

#### Studio participants:

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Friso Jonker
Ties Kweekel
Tom van Loon
Sharif Mardenborough
Teneré Middelhoek
Cecilia Miedema
Victor van Nieukerken
Petula de Smit
Dave van Toor
Martin van der Vijver

#### Studio led by:

Design tutors: Claudio Saccucci - Studio Verter Grace Roxane van Hoof - Studio Verter

Research tutor:

Joost Emmerik - Emmerik Garden Design and Research

**Skill tutor:** 

**Lynne Brouwer** 

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#### Introduction

The zoo is both architectural and cultural project, it produces and represents shifting ideas of nature. Shifts in the relation between man and animal are reflected in how the zoo is organized and how the animal is framed. In its totality the zoo is and agglomeration of worlds, islands inhabited by animals, microcosms that recreate or reinterpret their natural habitats. Each island provides the visitor with a scene, stages the encounter between animal and human, frames the view of the visitor and opens up new perspectives. Each exhibit is a staged setting in which animal and human are central players, each scene united with and wholly distinct from nature.

The studio takes Artis, the oldest zoo of the Netherlands, as a model to consider the zoo as an architectural project. Artis was founded in 1838 and has recently been undergoing major renovations. The students are asked to select one of the existing animal exhibits and redesign it with consideration for animal inhabitant and human visitor. Each zoo exhibit includes an architecture that combines the scenic with the functional, backdrop with utility. Composition and form are central to the evolution of the designs. The absence of a dense urban context allows the student to form and depict their visual fascinations in relation to the zoo.

**Text by Studio Verter** 

# rtis Islands - RAVB

### **Personal Position**

**Statement** 

There is a long history behind Zoos. Zoos used to be showcases. Animal welfare was not important. Nowadays the roles are twisted. Animal welfare comes first, but there is no showcase anymore. I think these aspects need to be balanced again. Within the pygmy hippo enclosure, you are not only looking at showcases. You are also in one.

The rainforest stimulates multiple senses. The plants, humidity and heat in the enclosure will be real. An abstraction of any of those aspects can't match these great impacts of wild nature. On the other hand lightning, materialisation and elements like rocks can be an adaption to emphasize wild nature. The boundary within adaption will be the hippo itself. The Hippo is holy.



### **The Pigmy Hippo**

Info











### **Habitat**

#### Wild nature



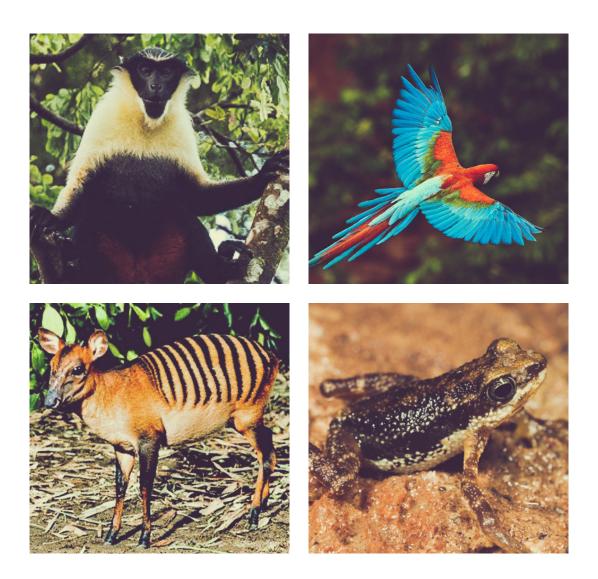






### **Habitat**

#### Representation | Literal copy



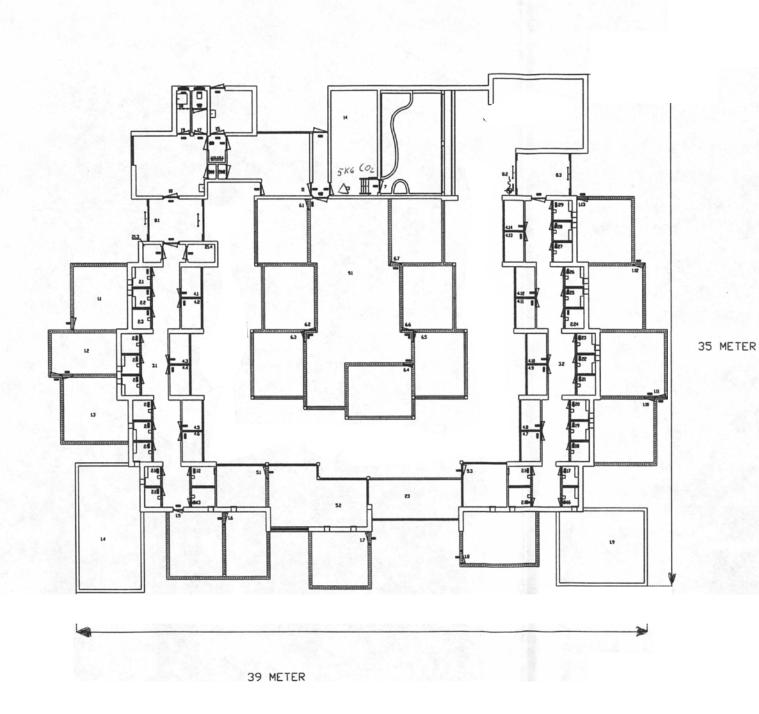




### **Habitat**

#### Representation | Adaption

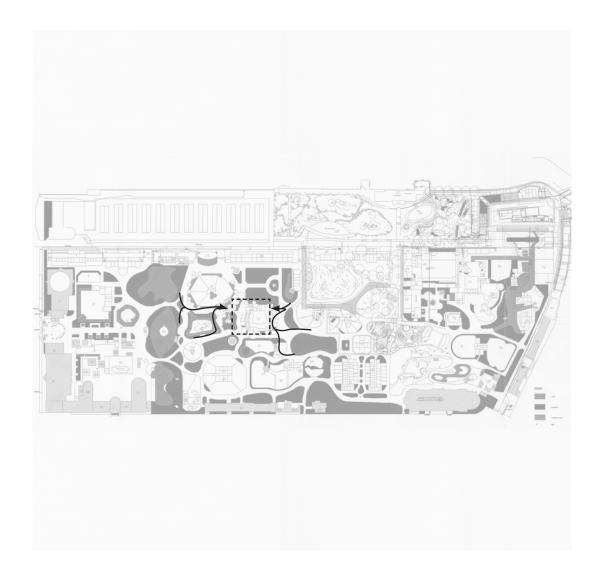


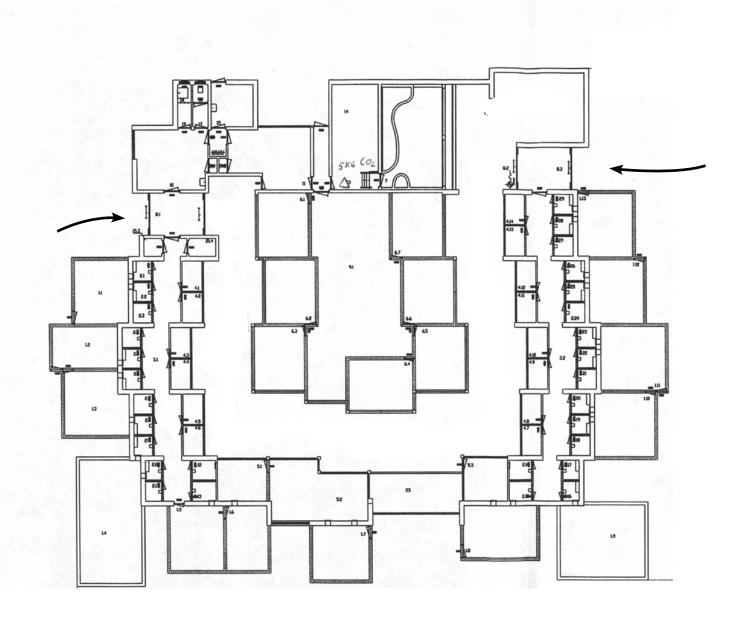


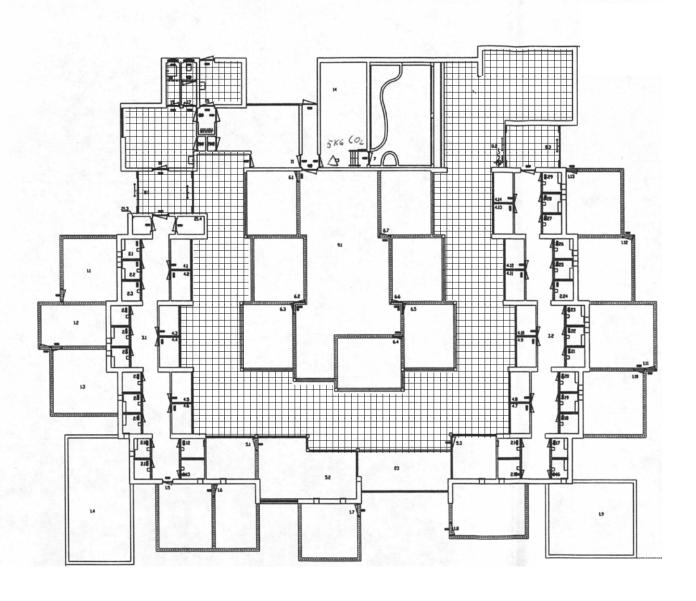
Kleine Zoogdierenhuis The chosen indoor location in artis an it's dimensions

### **Artis**

#### **Existing situation**











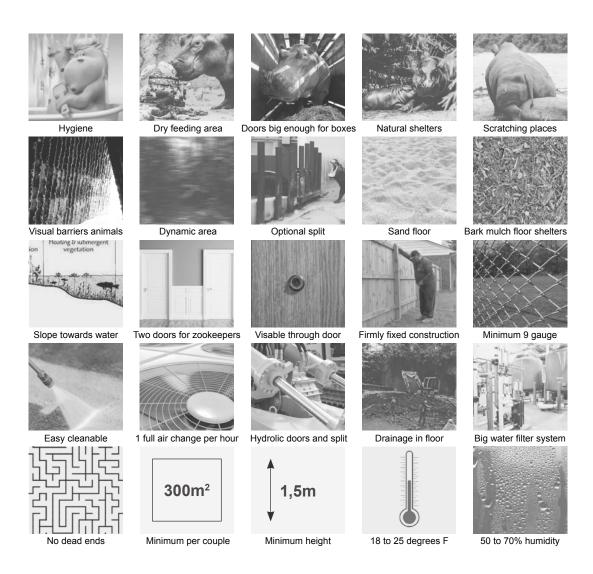




## Concept

#### Rising walls in Artis





### **Demands**

#### **Global Federation of Animal Sanctuaries**

#### **Global Federation of Animal Sanctuaries**

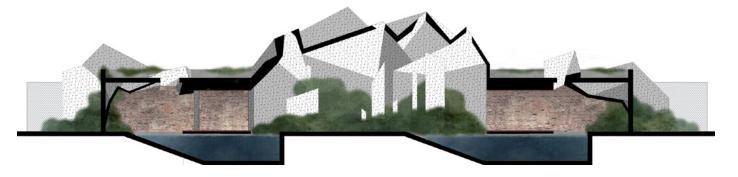


### Standards For Rhinoceros, Hippopotamus and Tapir Sanctuaries

Version:

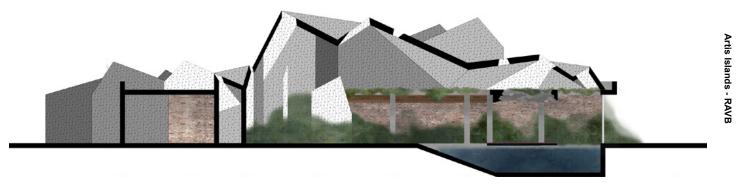
June 2013

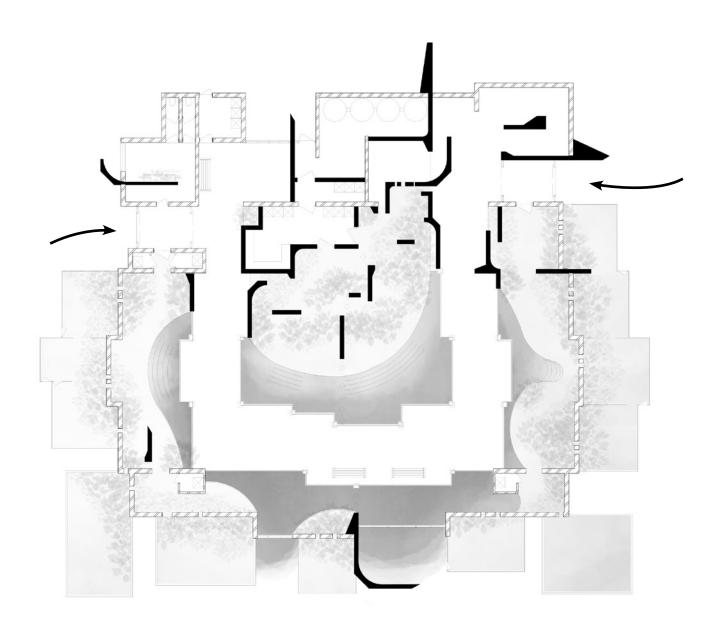
©2012 Global Federation of Animal Sanctuaries



### Plan

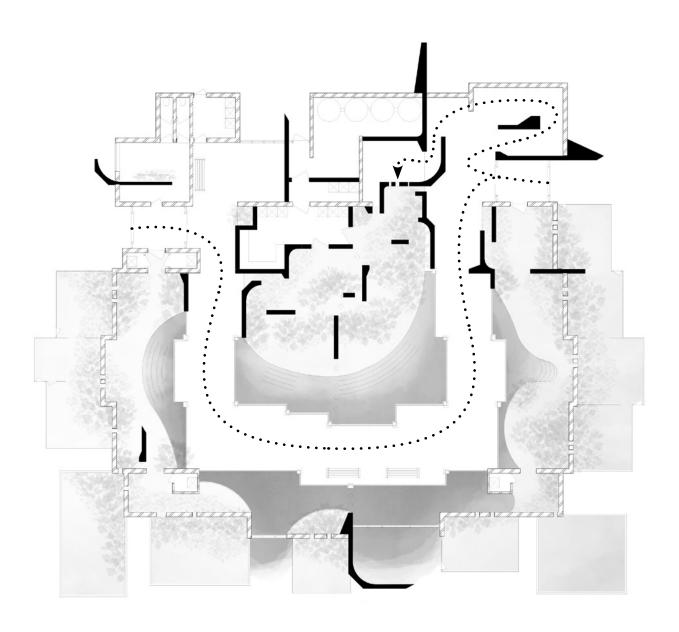
#### Rising walls in Artis

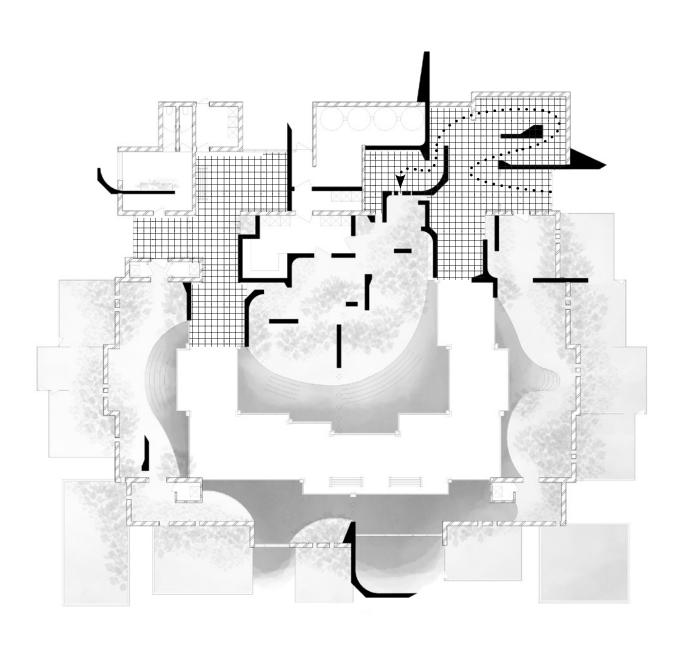


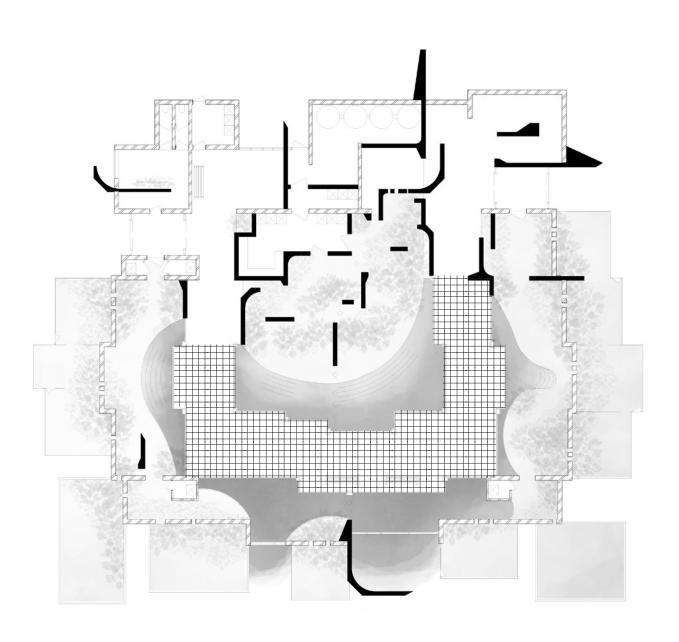


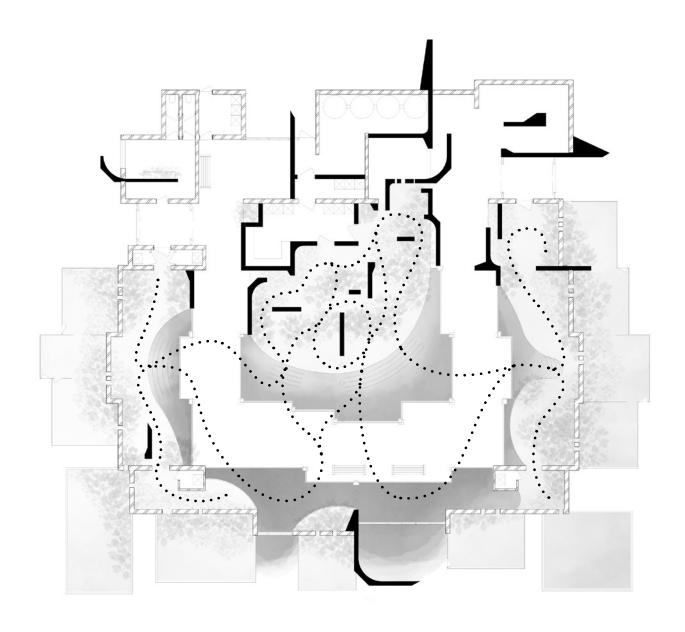
### Plan

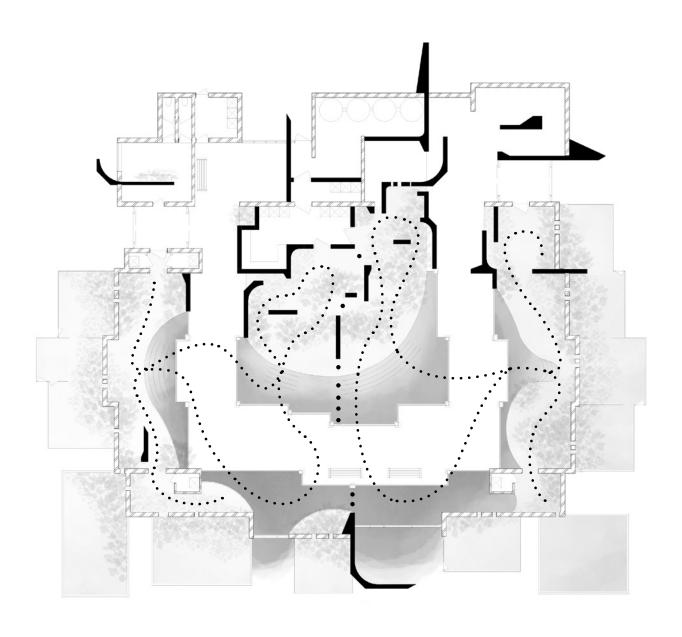
#### **Routes and areas**

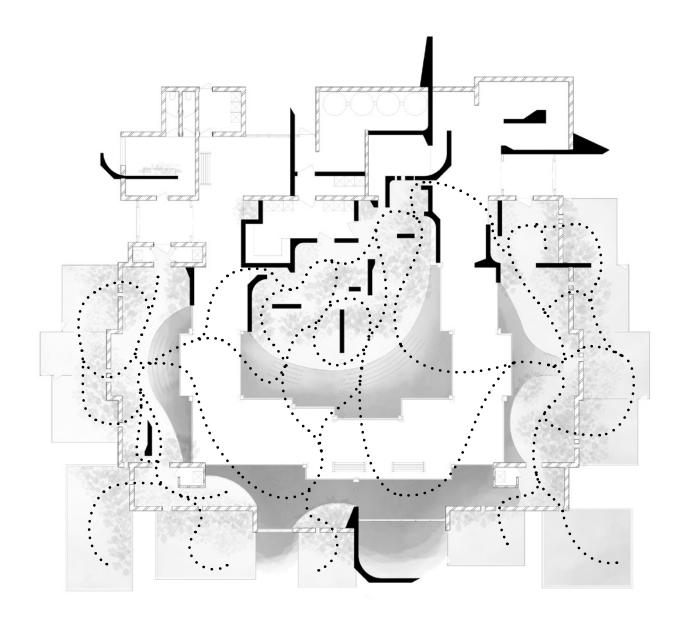


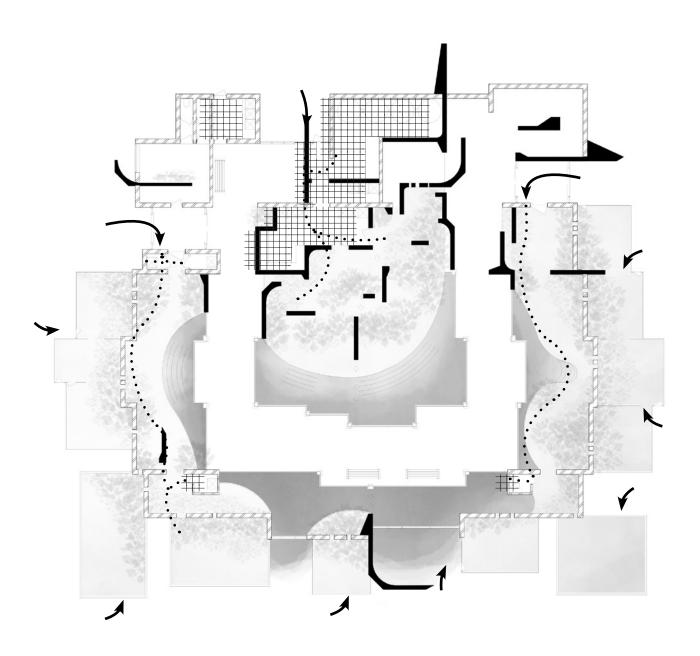








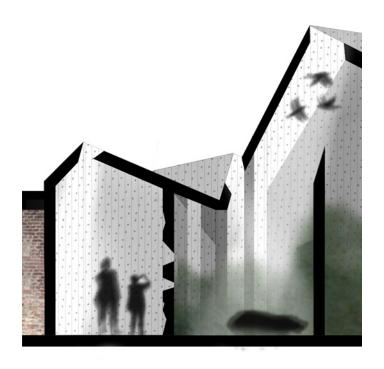


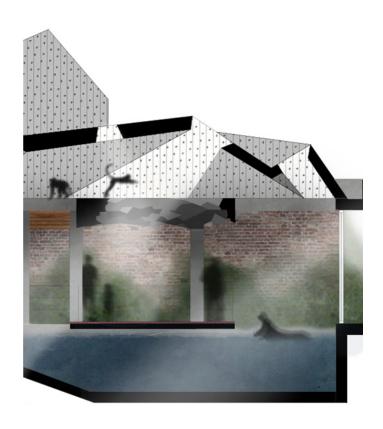


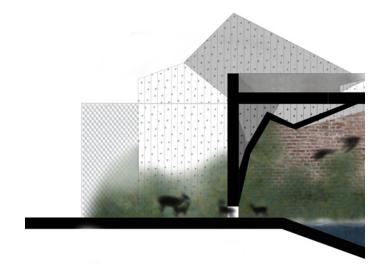


## Plan

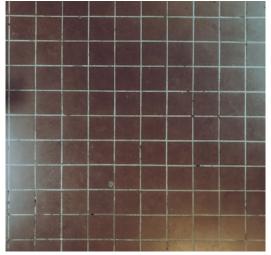
## **Fragments**

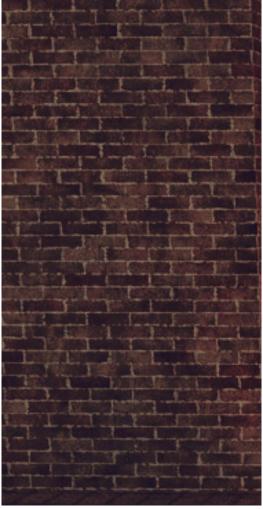






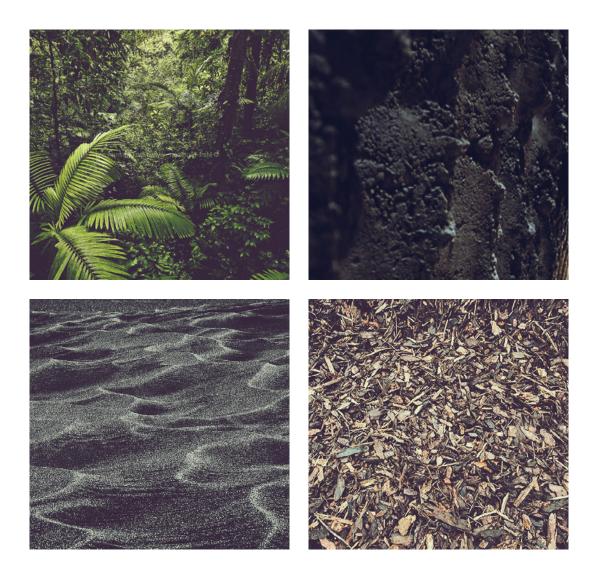






# Plan

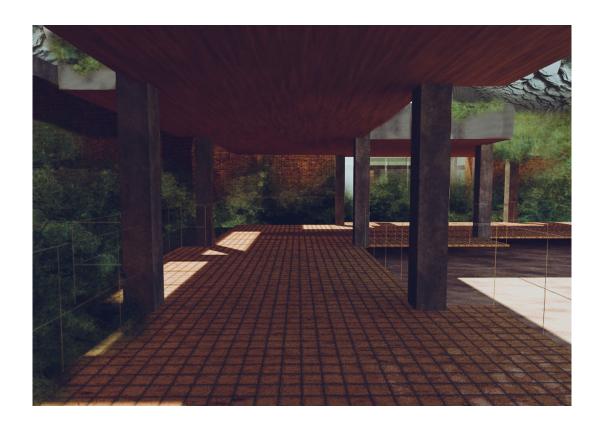
### **Material palette**





# Plan

## Impressions



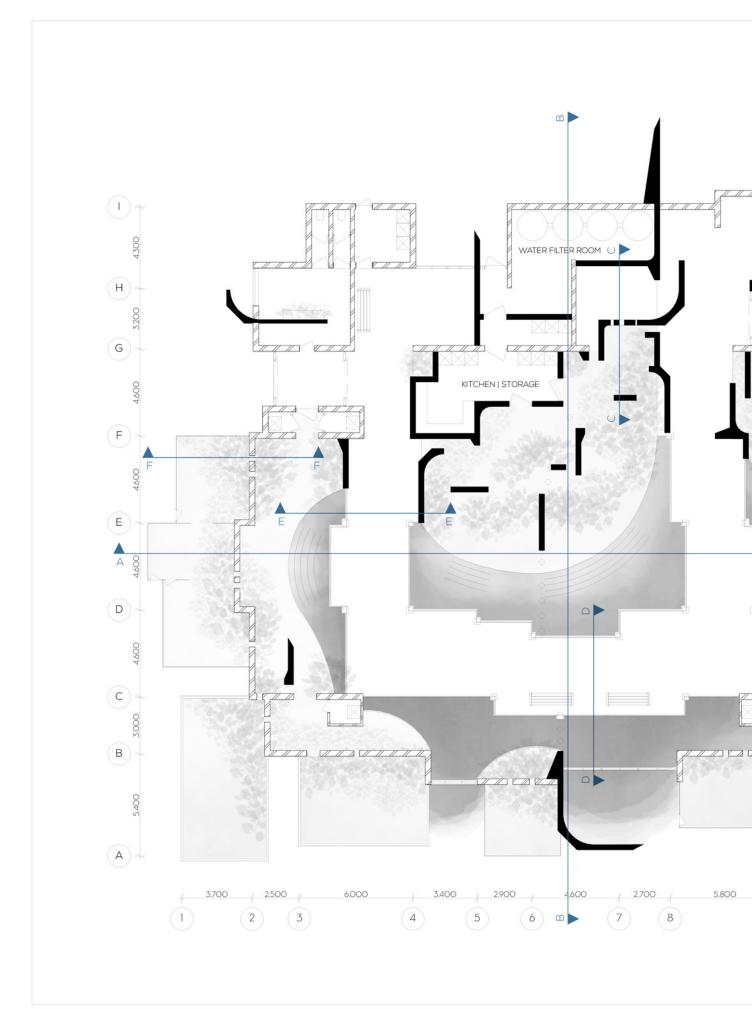


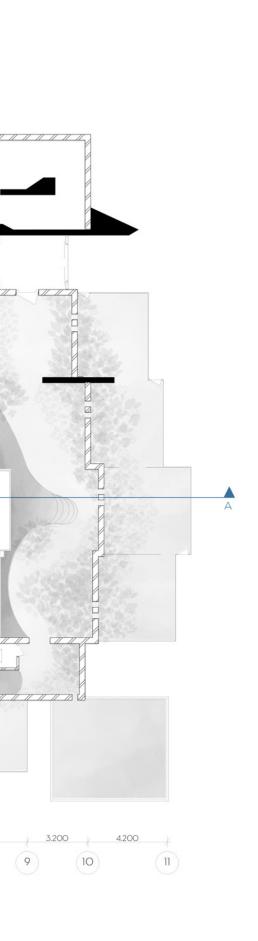


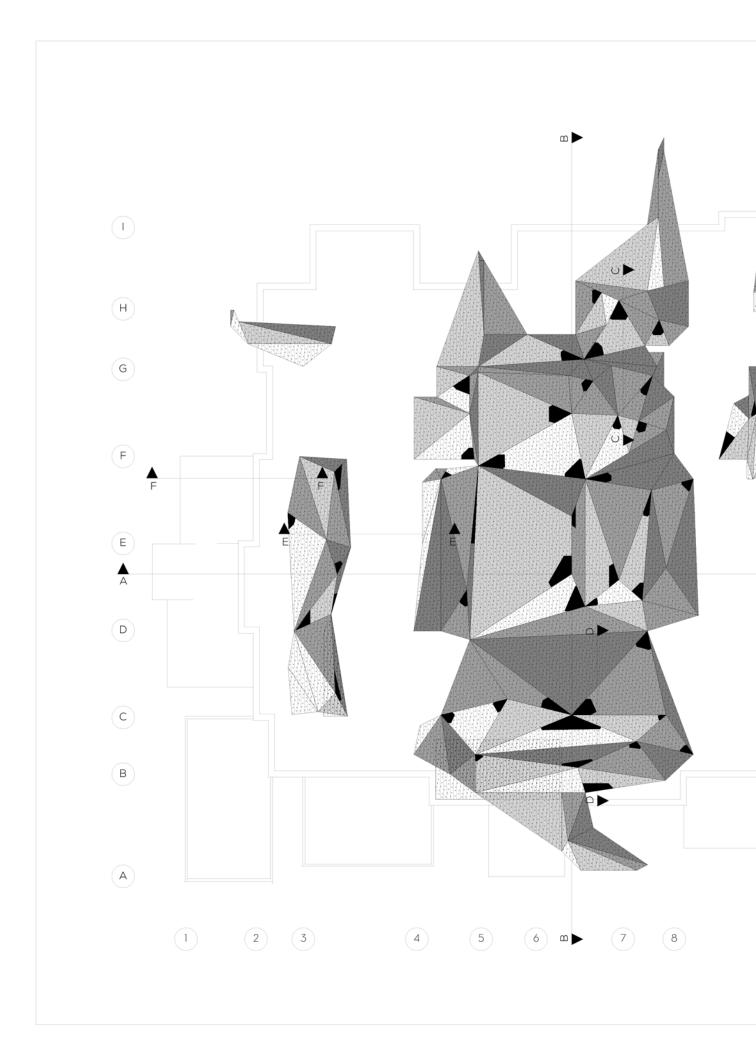
# Artis Islands - RAVB

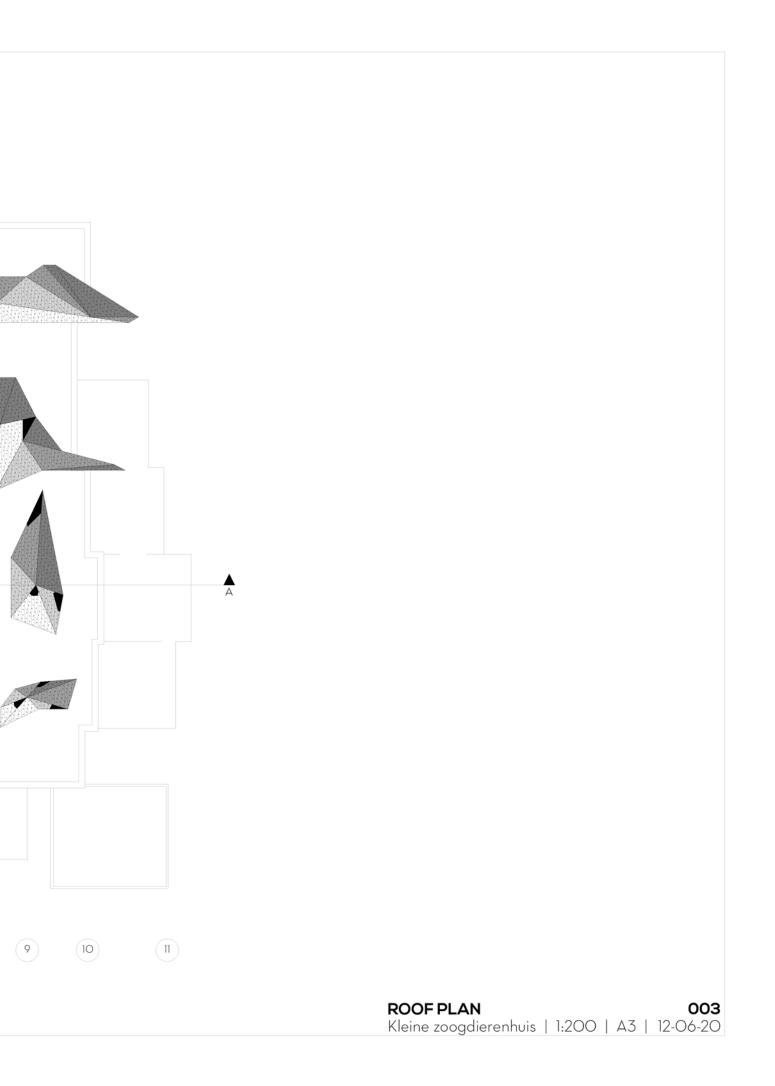
# **Complements**

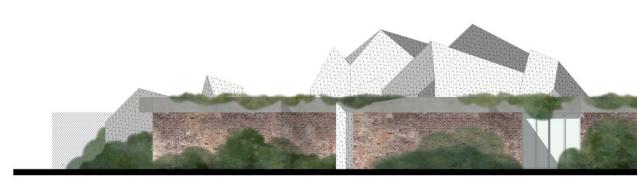
Drawing set







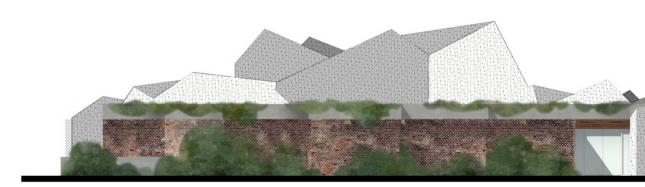




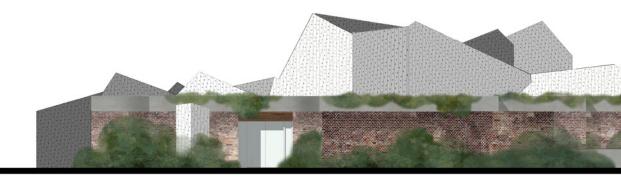
LEFT FACADE



RIGHT FACADE



**BACK FACADE** 



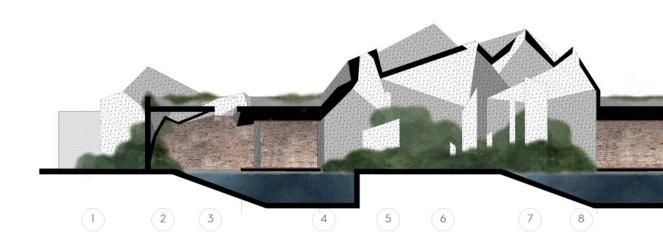
FRONT FACADE



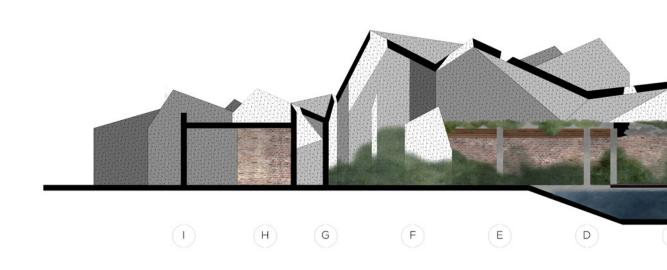




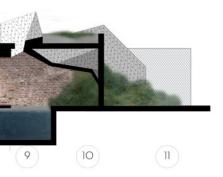


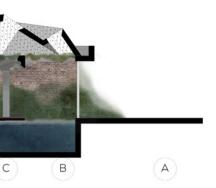


#### SECTION A-A

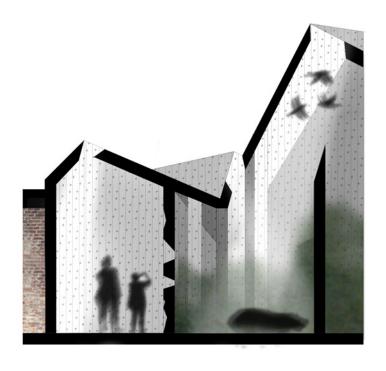


### SECTION B-B





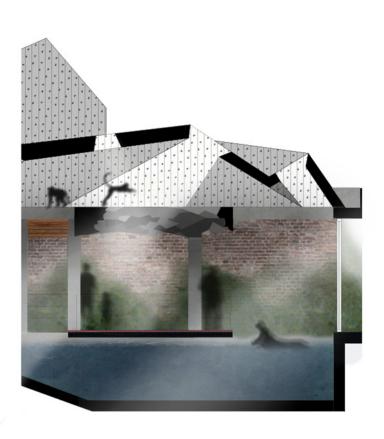
SECTIONS 004 Kleine zoogdierenhuis | 1:200 | A3 | 12-06-20



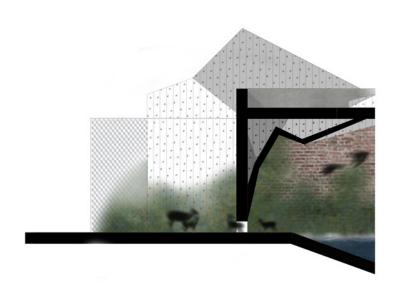
SECTION C-C



SECTION E-E



SECTION D-D



SECTION F-F