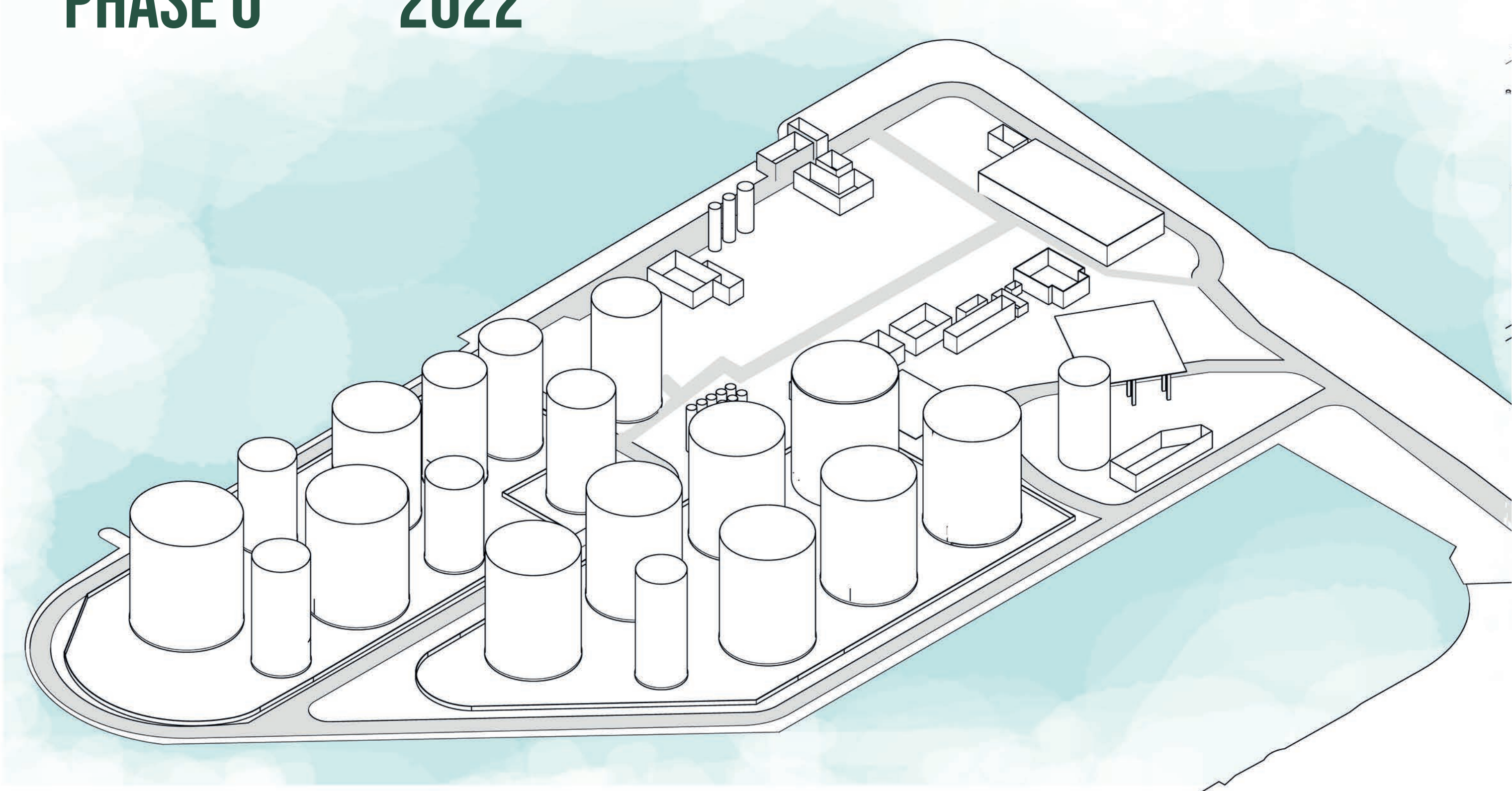


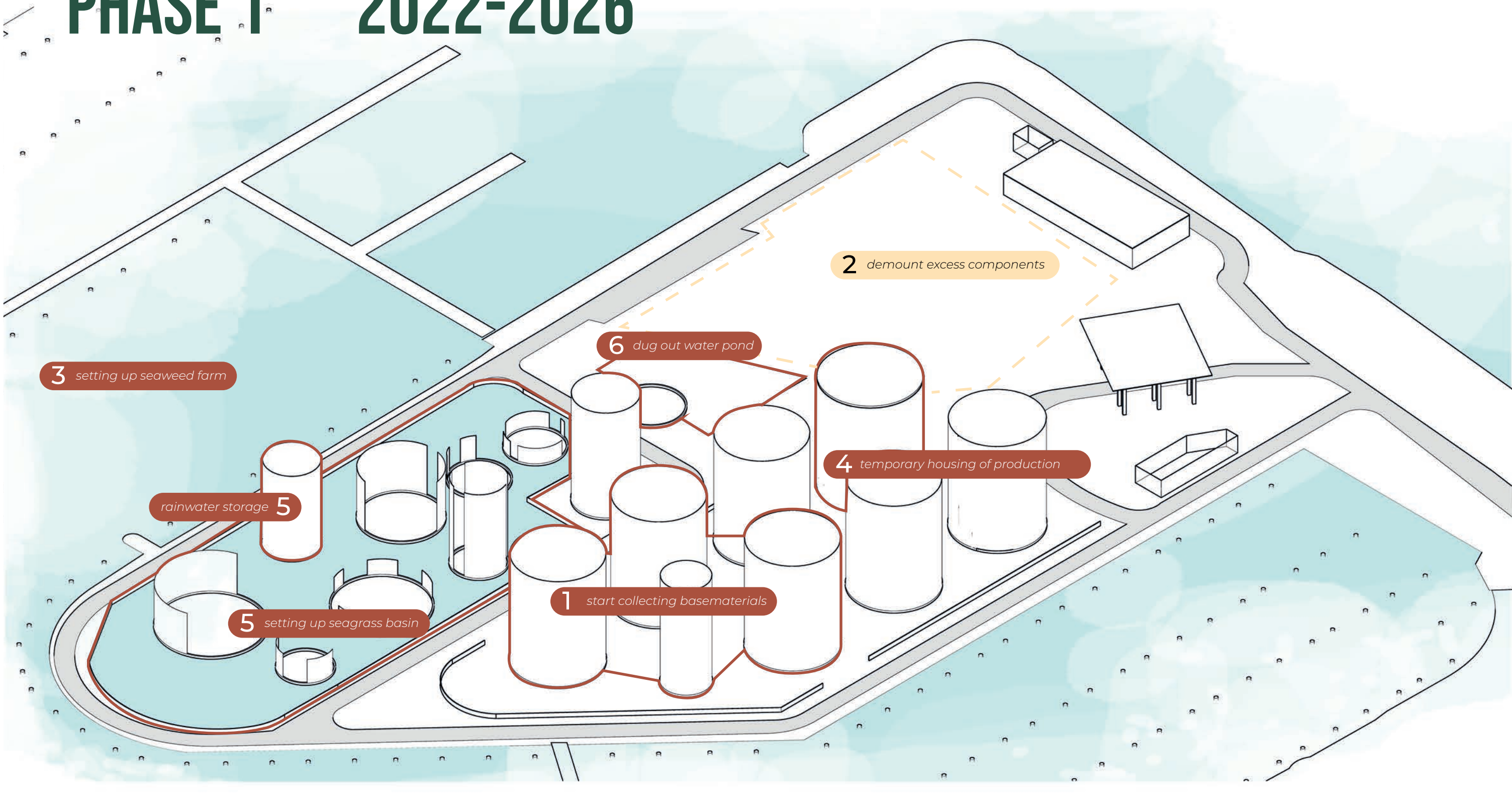
WIERDOK

SEAWEEDFARM, SEAWEEDLOAMBRICK FACTORY AND EXPLORATION SITE

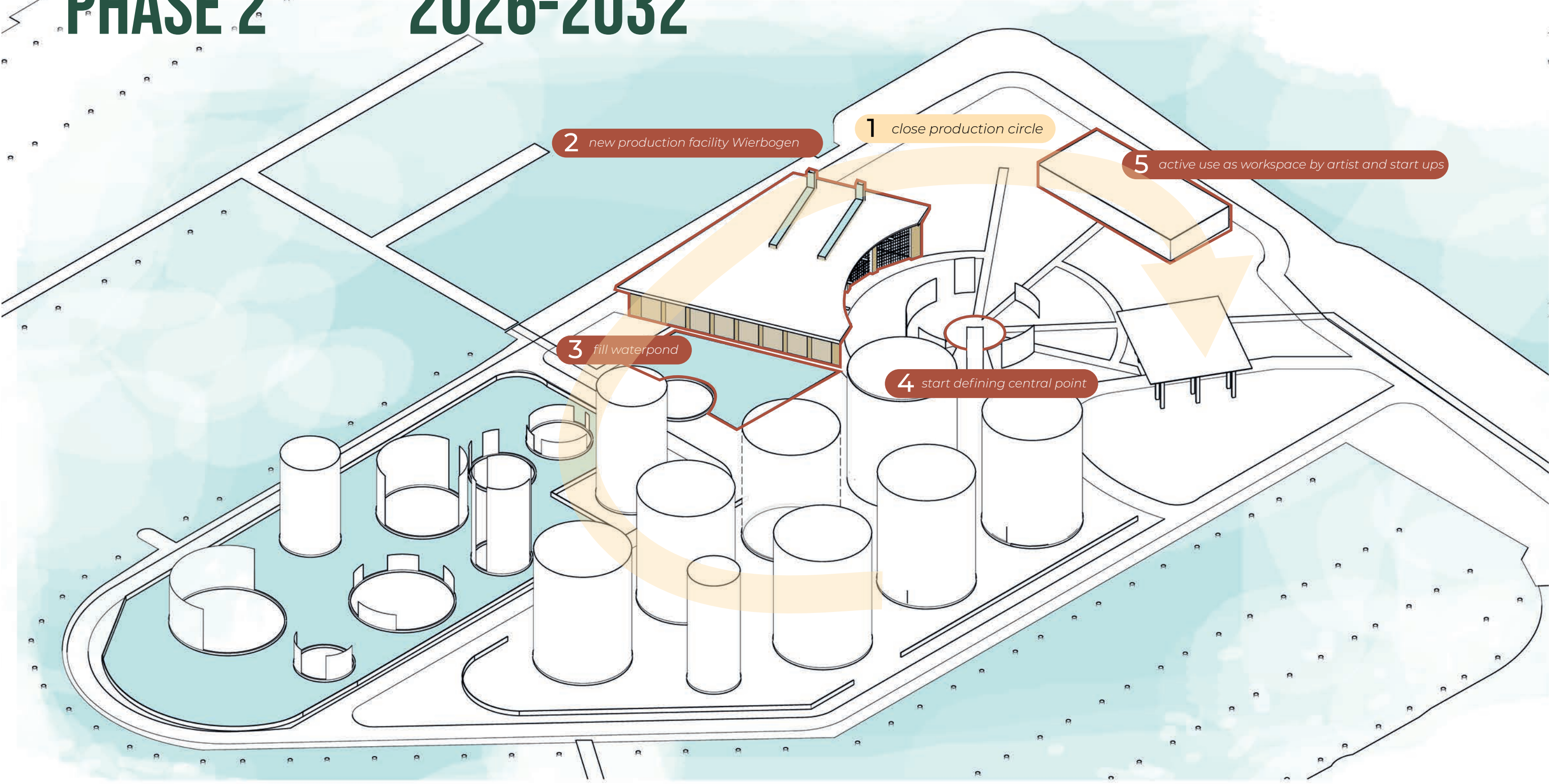
EXISTING SITUATION PHASE 0 2022



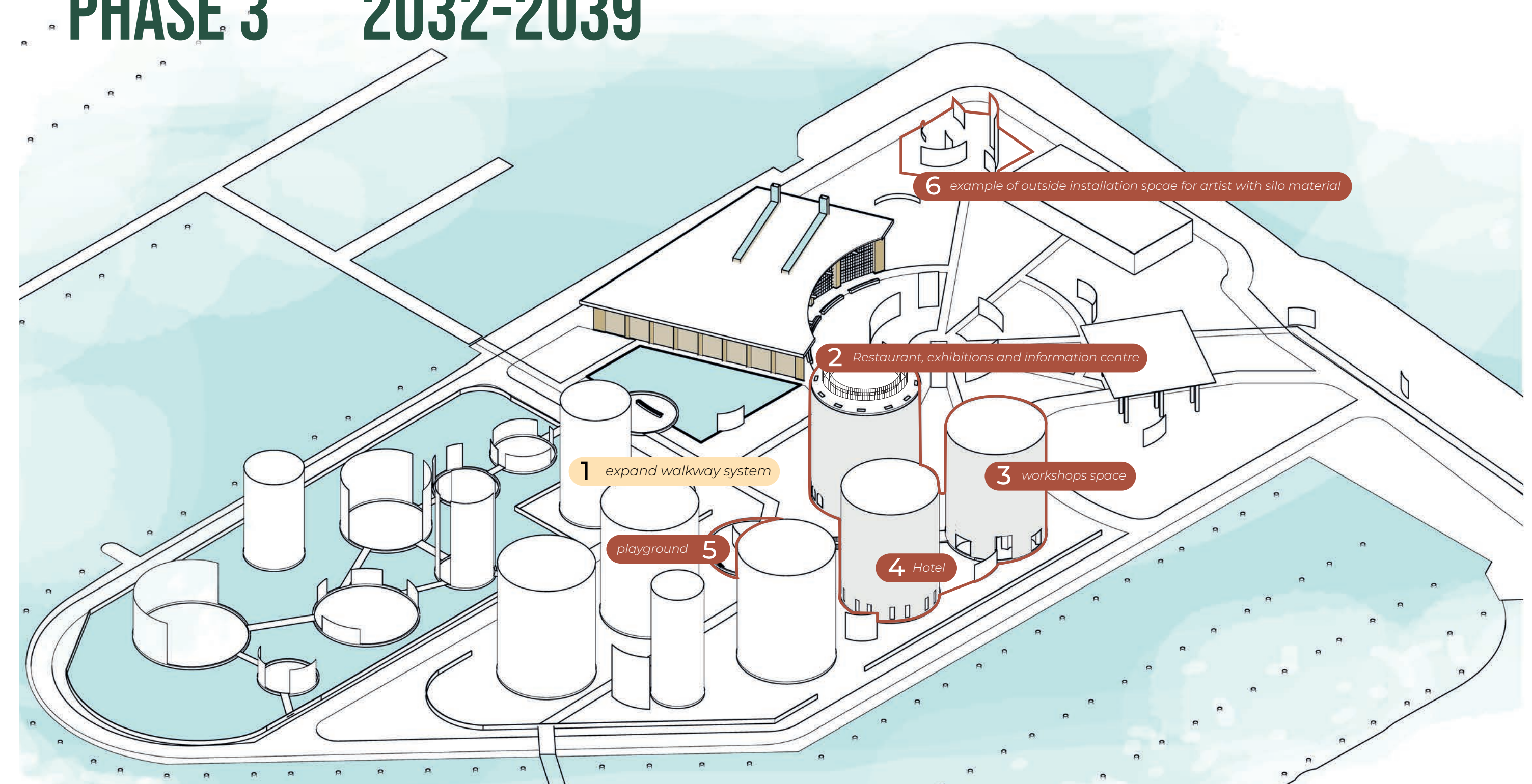
WIERDOK AS SEAWEEDFARM PHASE 1 2022-2026



WIERDOK AS PRODUCTION SITE PHASE 2 2026-2032

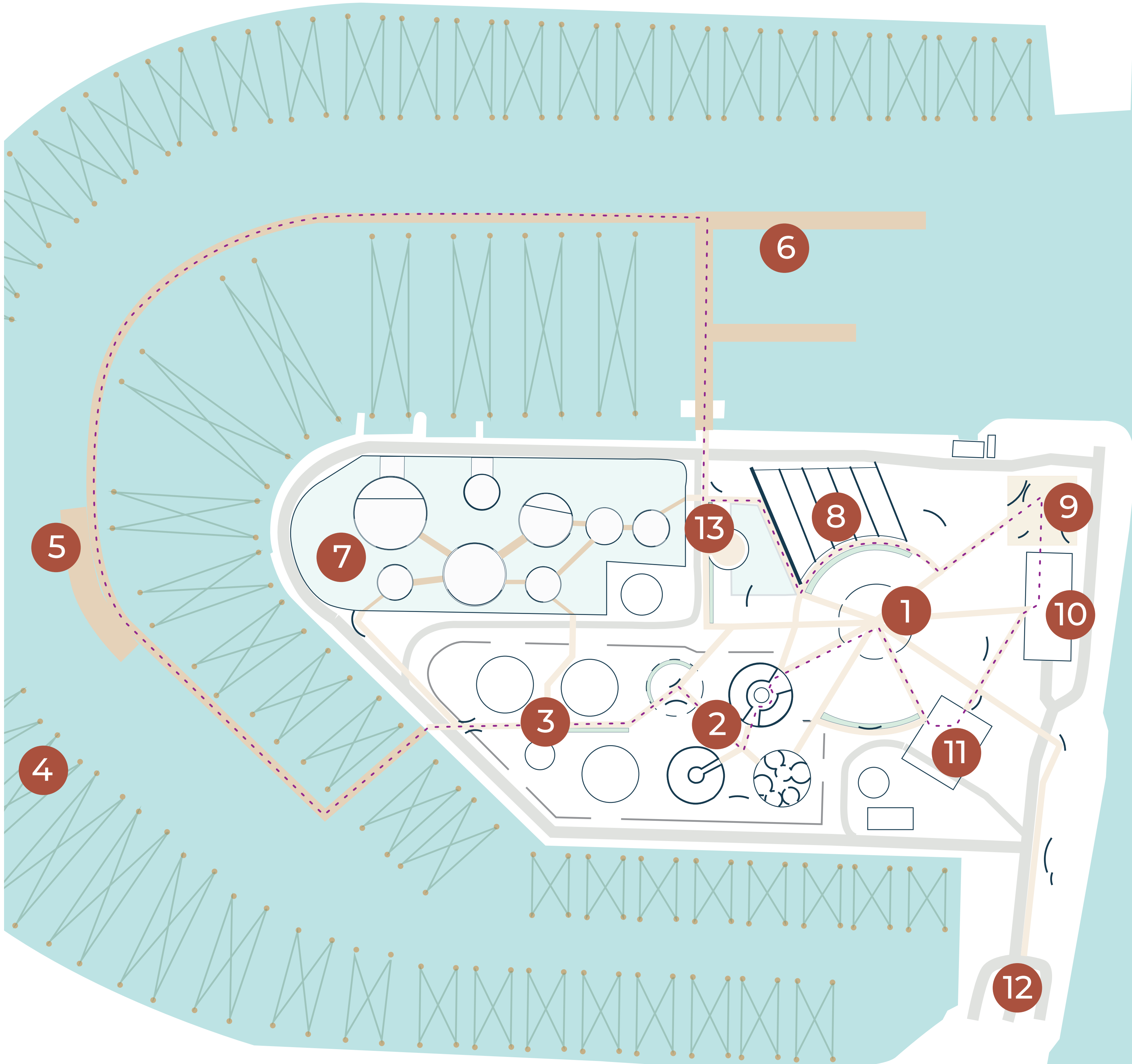


WIERDOK AS EXPERIENCE PHASE 3 2032-2039

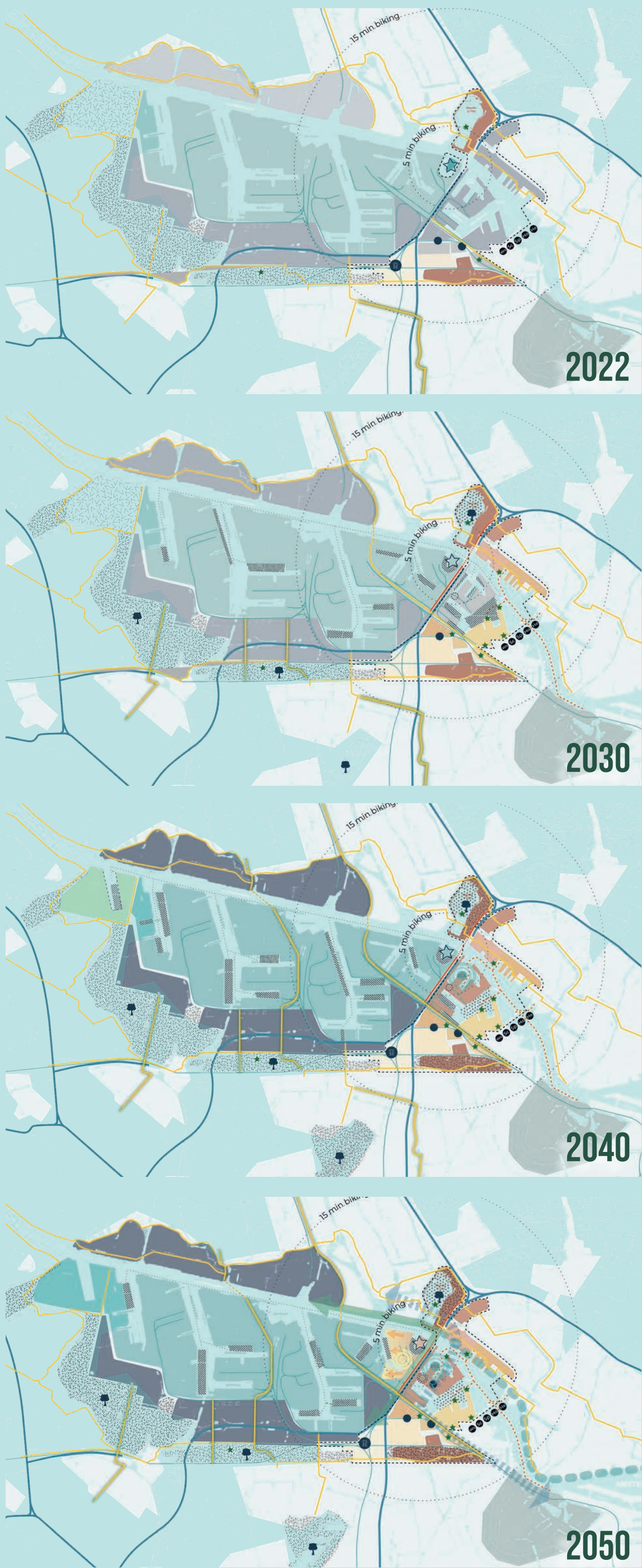


WIERDOK 2045 SITE PLAN 1:1000

- 1 central point
 - informative info about Wierdok
 - Central meeting point
 - way finder
- 2 public space: restaurant, exhibition, panoramic view workshops, hotel
 - heritage of location
 - housing social and service functions
 - contrast old and new materials
- 3 storage materials
- 4 growing seaweed
- 5 fishing
- 6 boat dock
- 7 growing seagrass
- 8 production facilities
 - people and process parallel
 - full transparency in production
 - showcase of material
- 9 artist garden
- 10 offices & workspaces for artist and start up
- 11 drying bricks
- 12 carparking
- 13 look out point



WESTPOORT TIMELINE



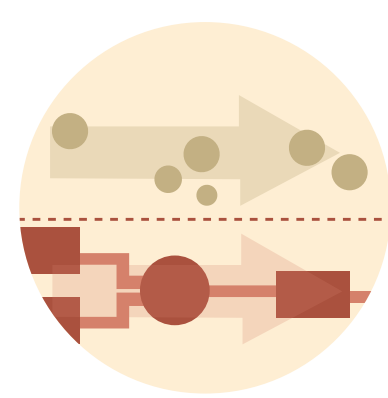
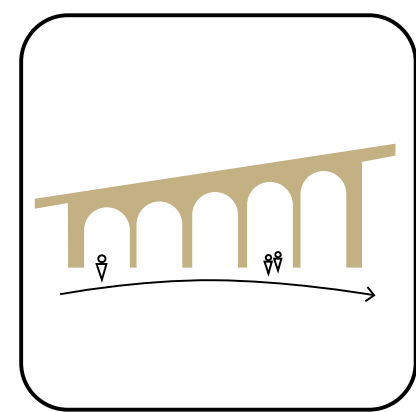
WIERDOK

SEAWEEDFARM, SEAWEEDLOAMBRICK FACTORY AND EXPLORATION SITE

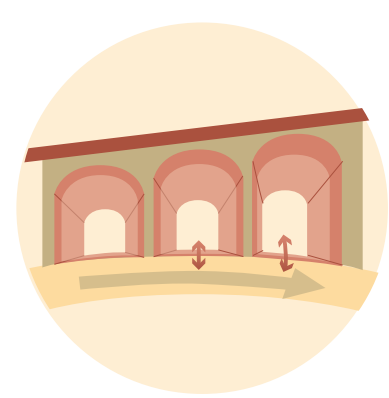


8

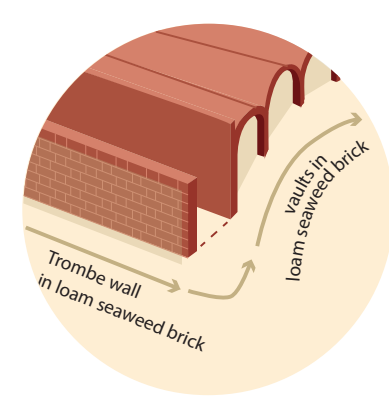
production facilities



people and proces parallel

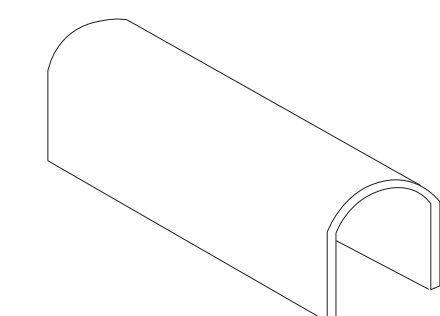


full transparency in production

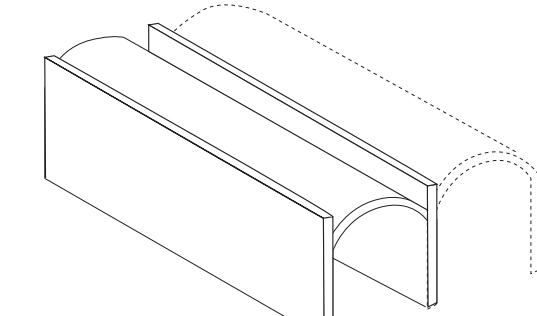


showcase of material

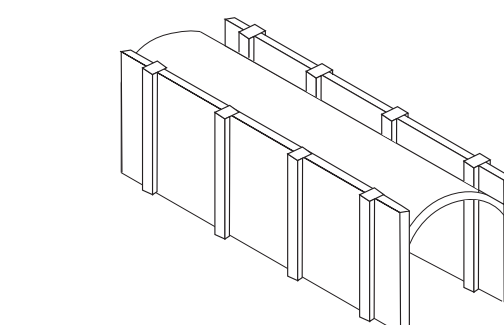
WIERBOGEN - VAULT



Barrel Vault, inverted catenary curve

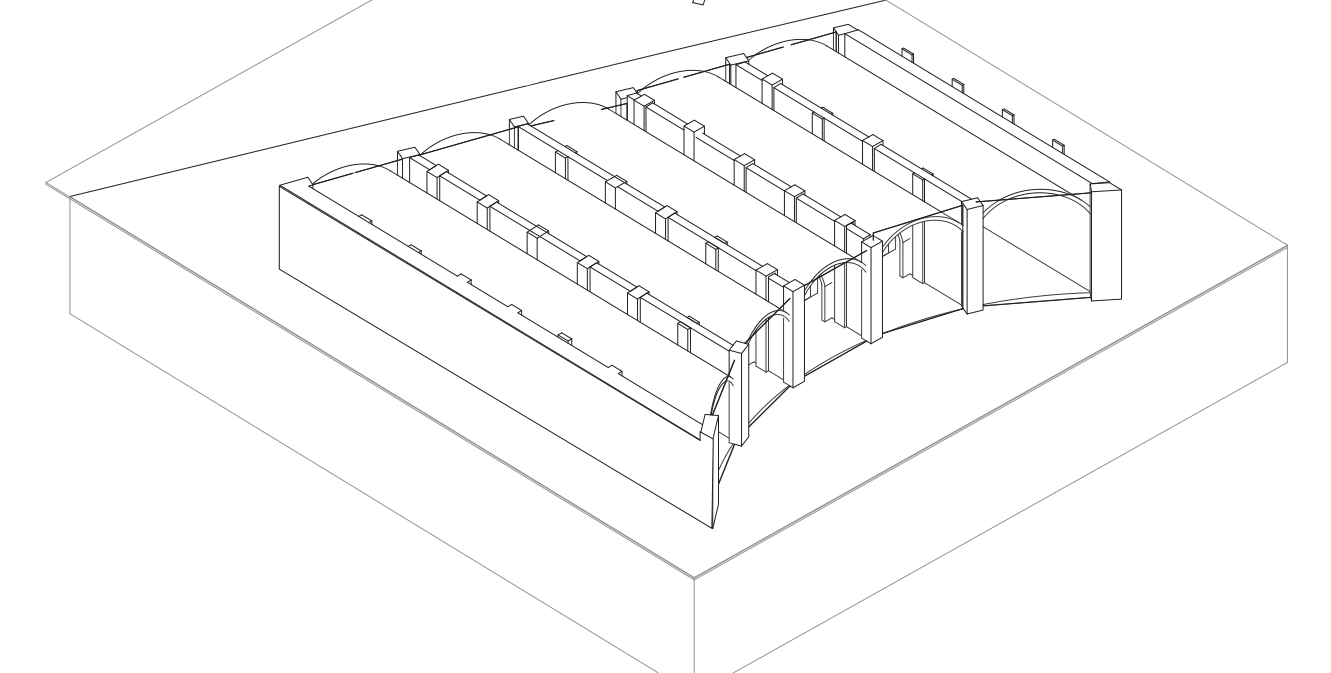
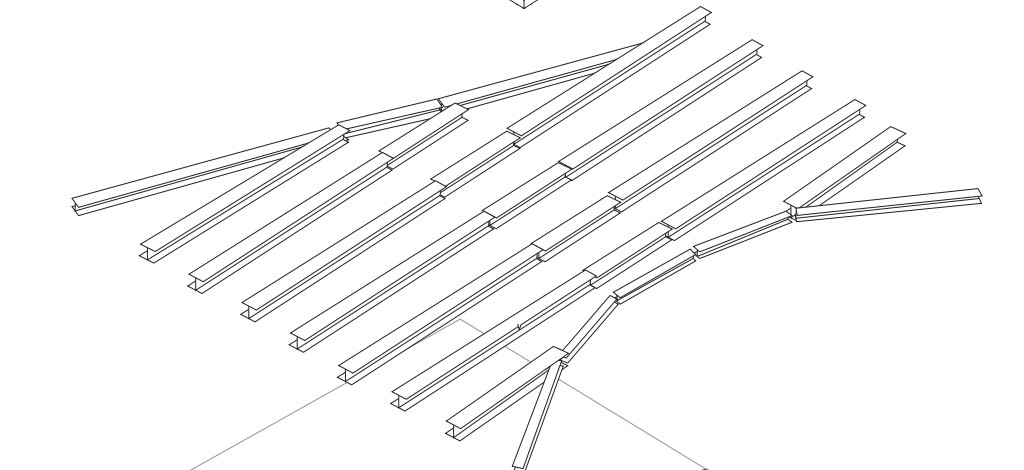
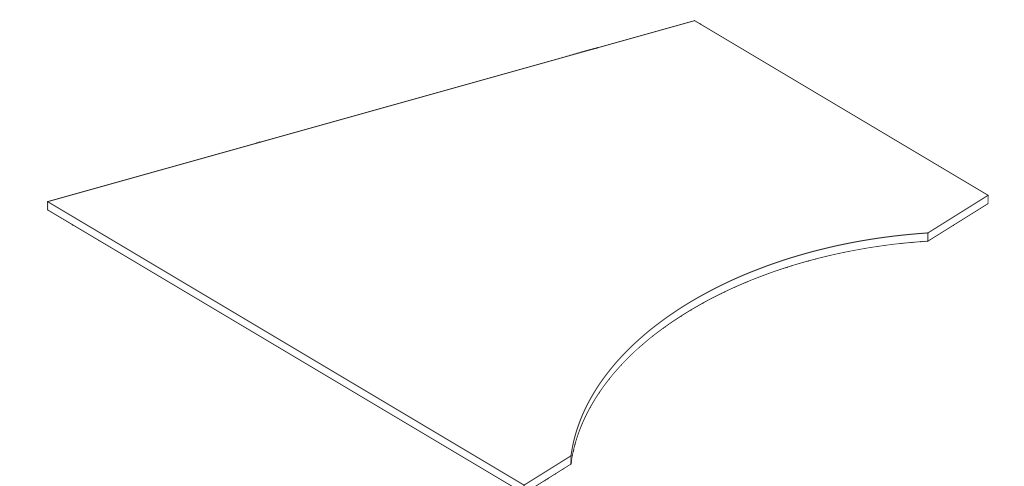


mirroring vault to neutralize horizontal load & using superimposed load

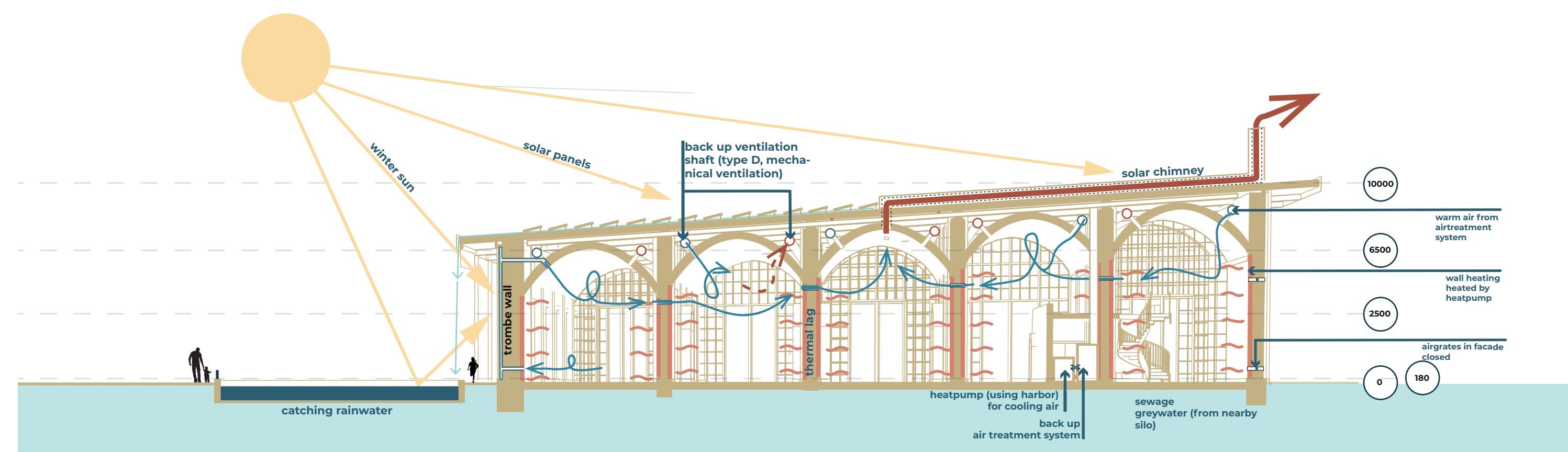


using buttresses to prevent buckling when carrying roof beams

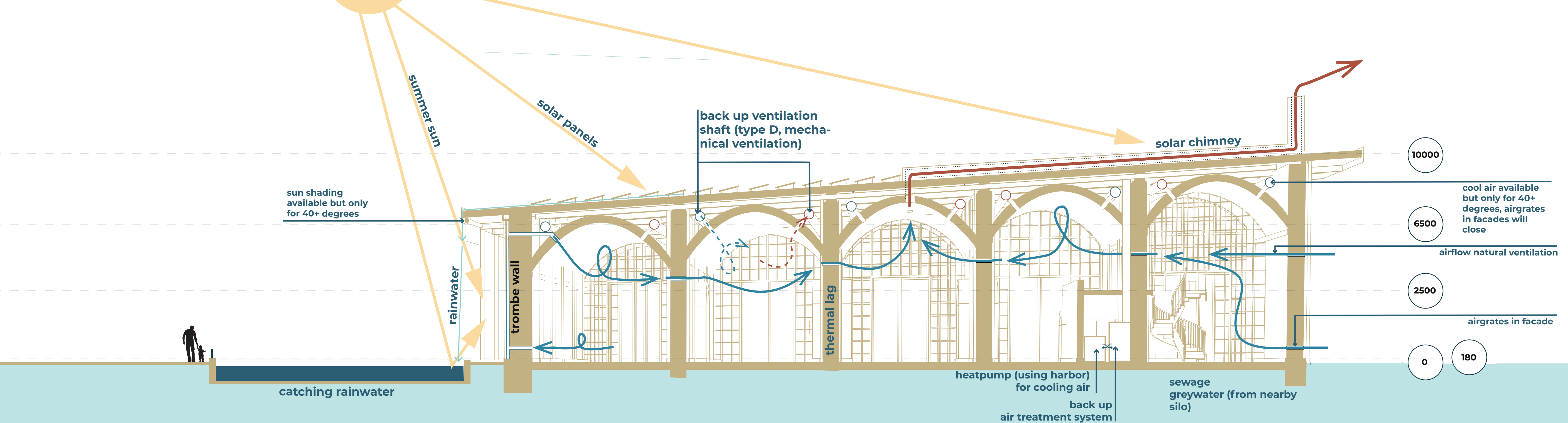
WIERBOGEN - AXONOMETRY LOAD BEARING STRUCTURE



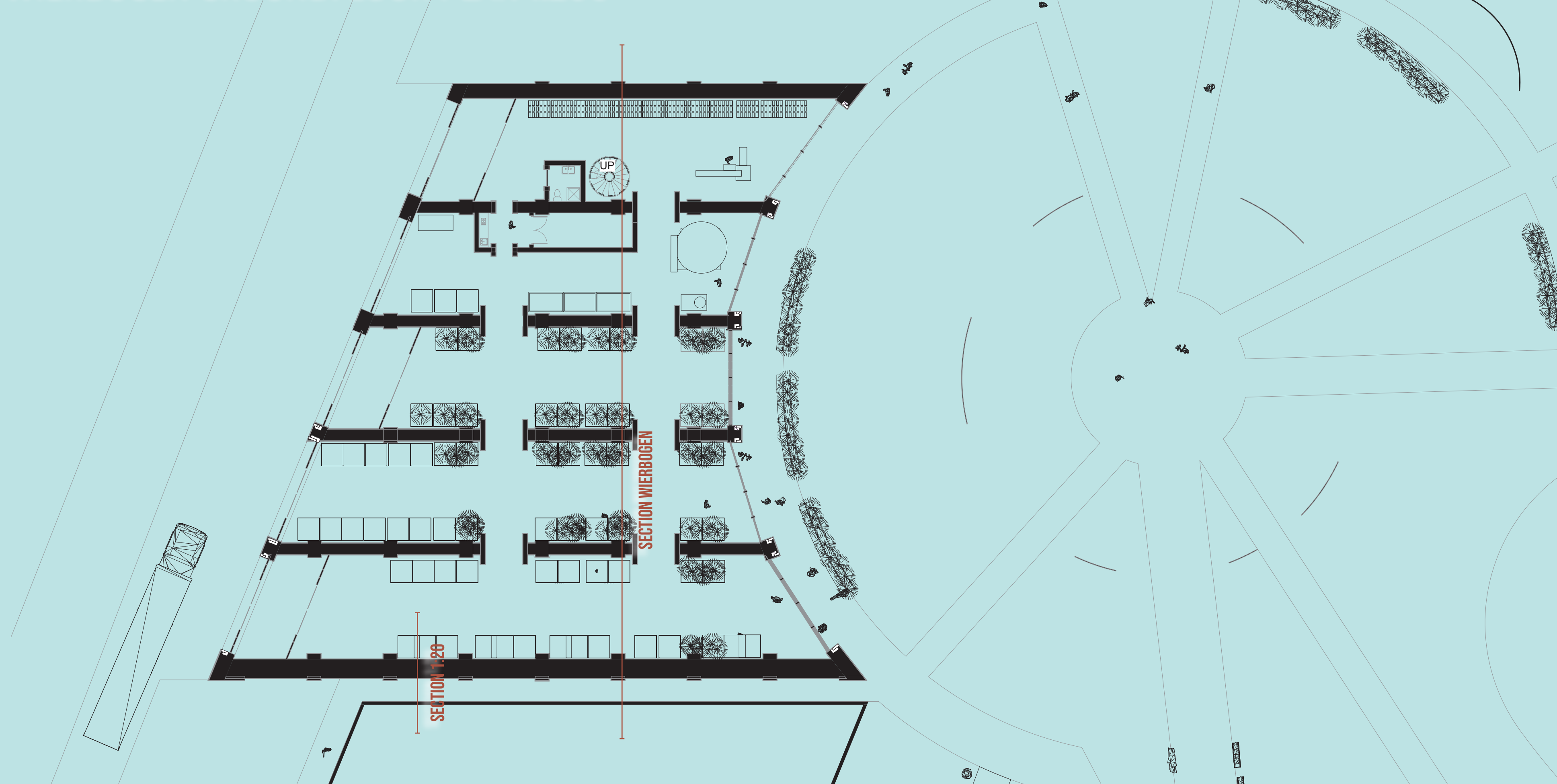
WIERBOGEN - WINTER CLIMATE CONCEPT SECTION 1:200



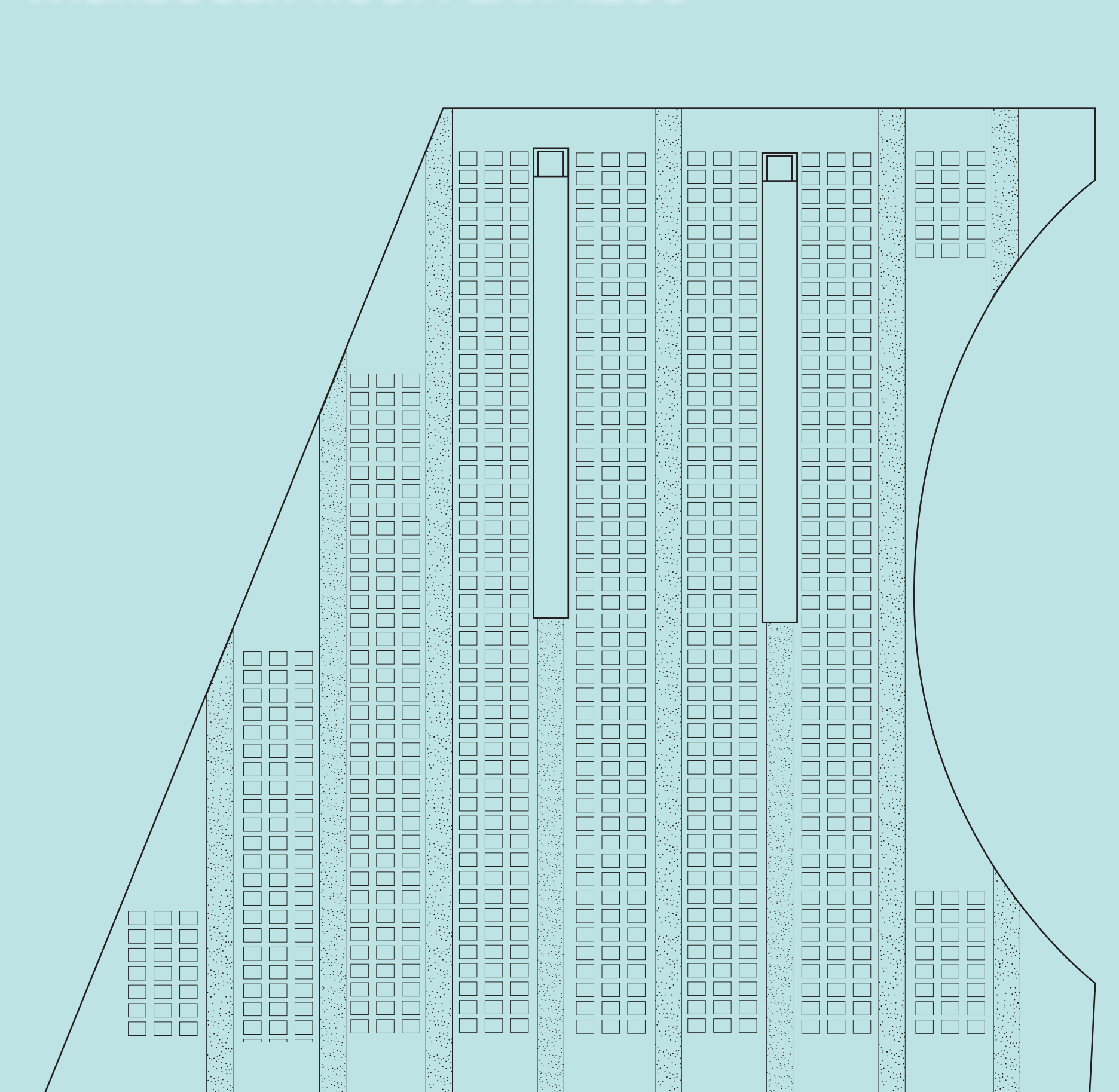
WIERBOGEN - SUMMER CLIMATE CONCEPT SECTION 1:100



WIERBOGEN GROUND FLOOR PLAN 1:200



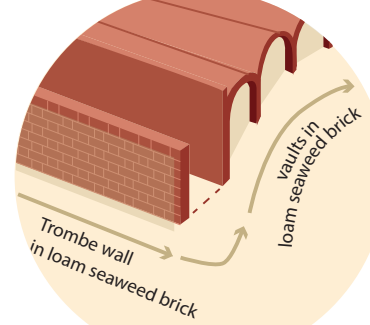
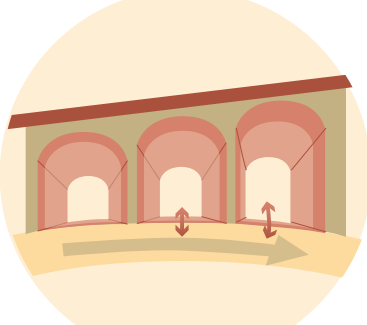
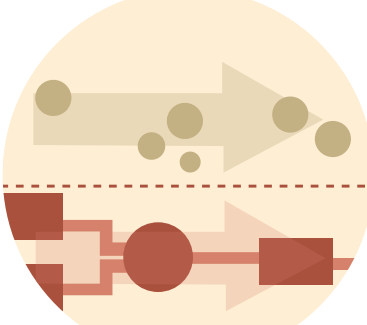
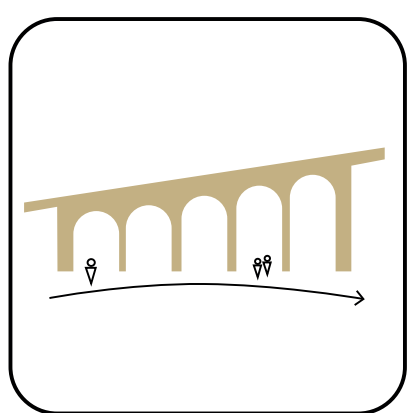
WIERBOGEN ROOFPLAN 1:200



WIERDOK

SEAWEEDFARM, SEAWEEDLOAMBRICK FACTORY AND EXPLORATION SITE

8 production facilities

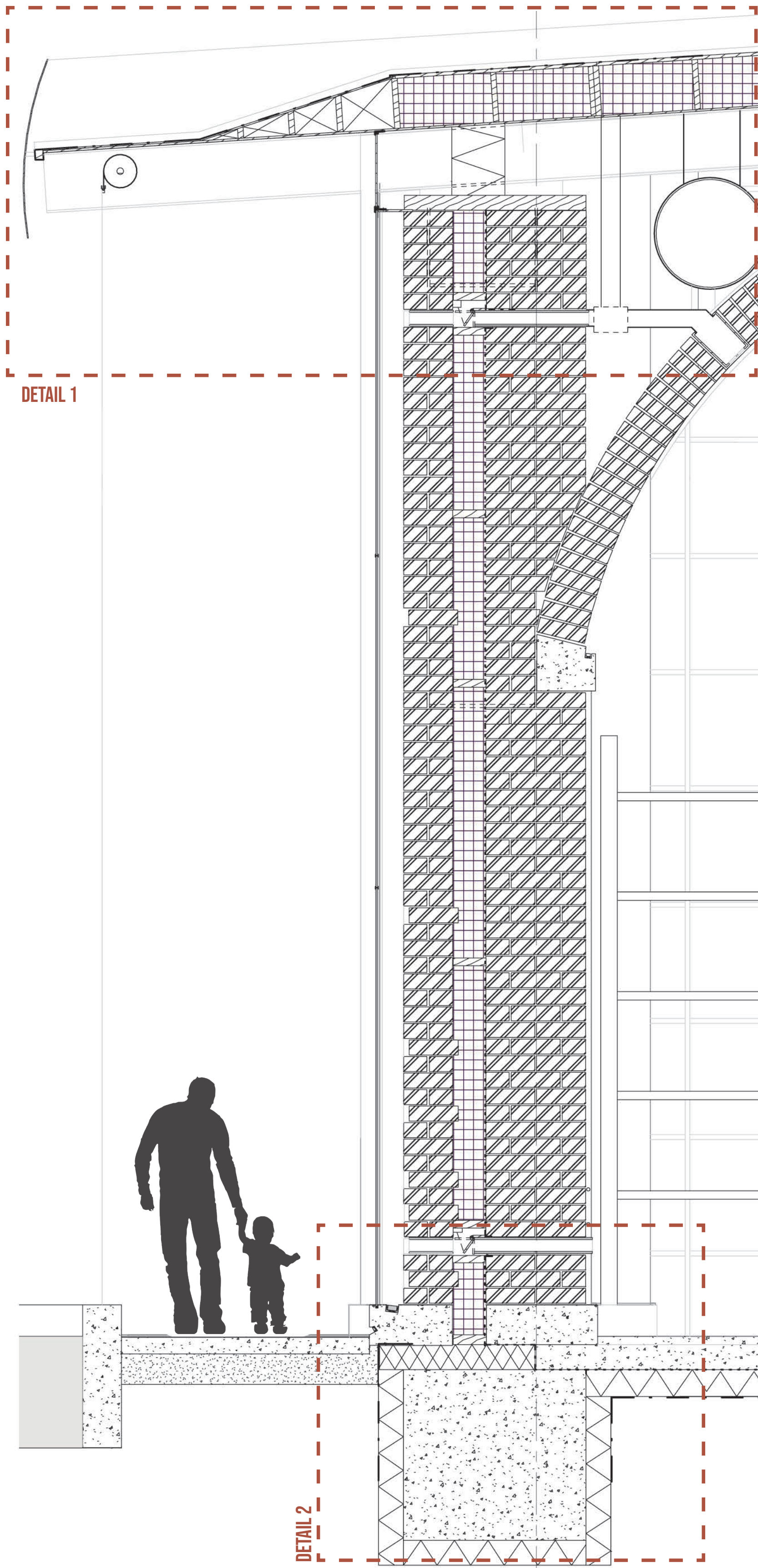
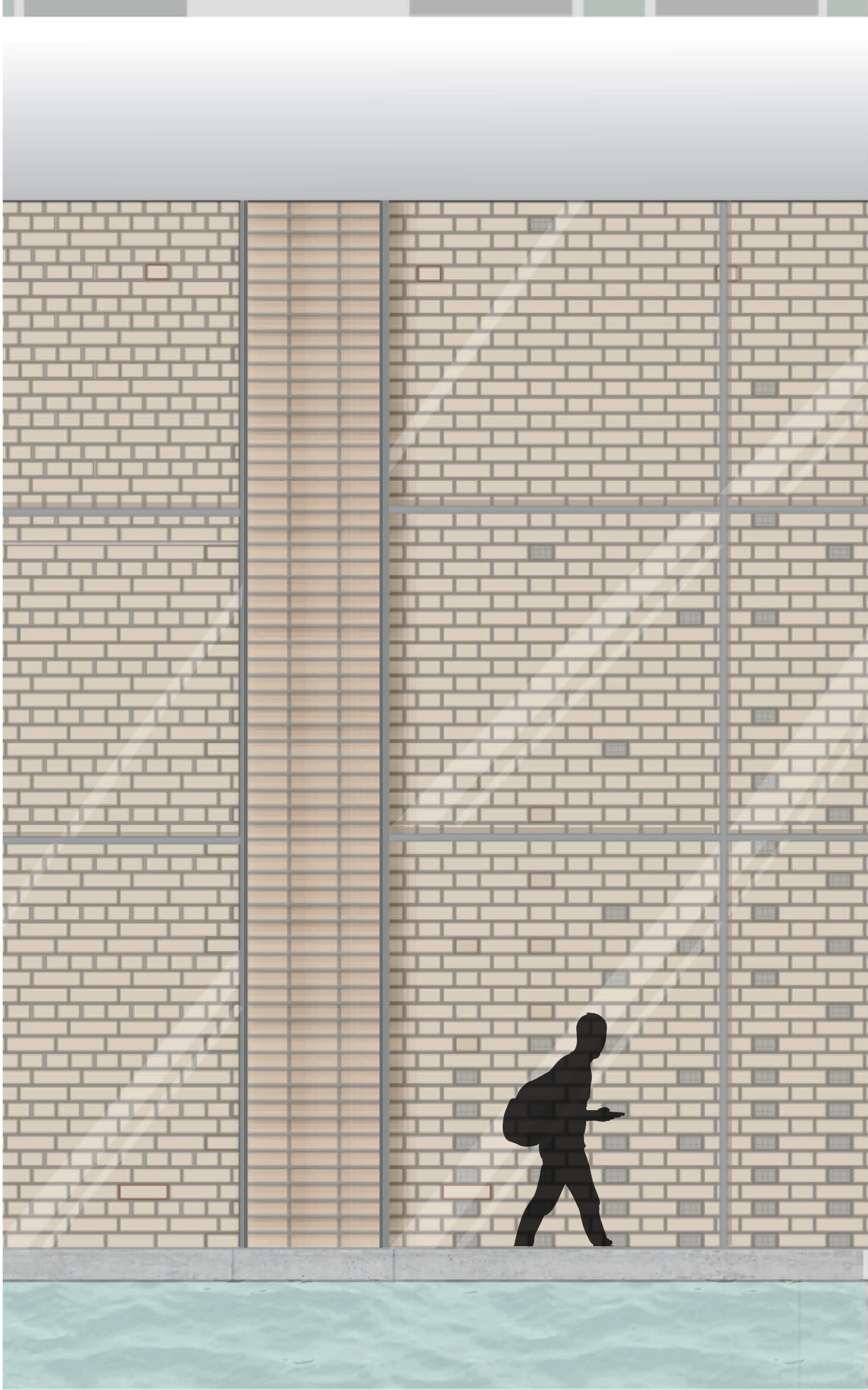


people and proces parallel

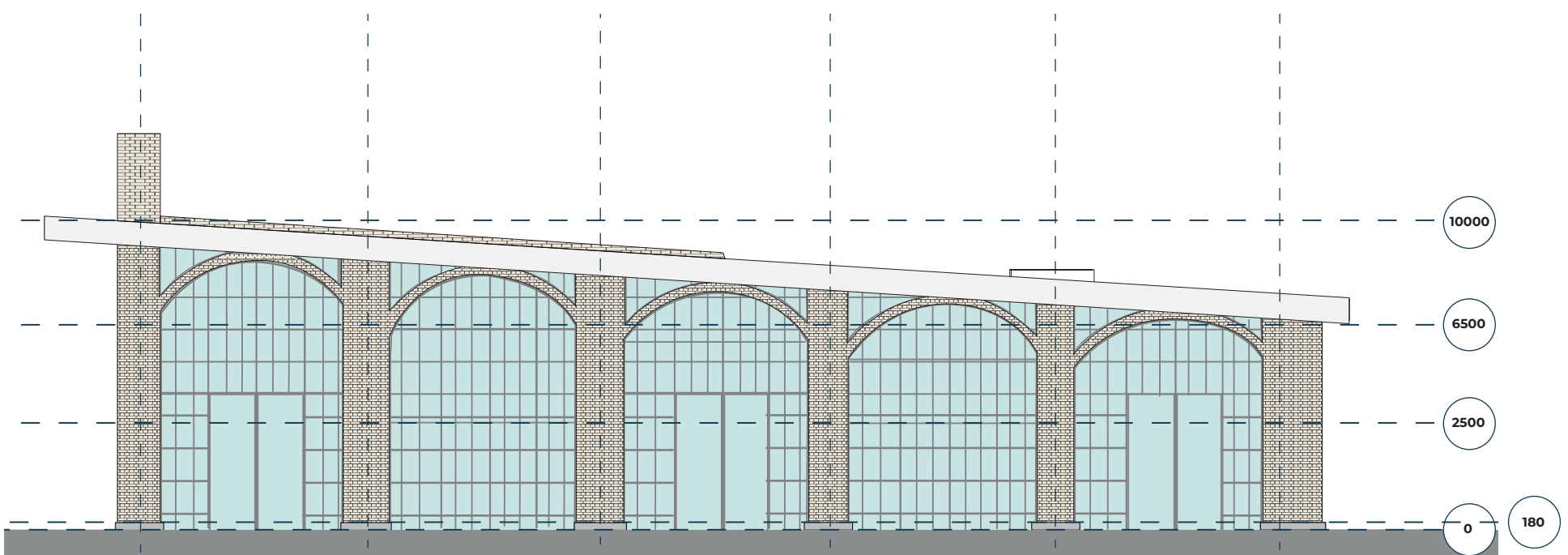
full transparency in production

showcase of material

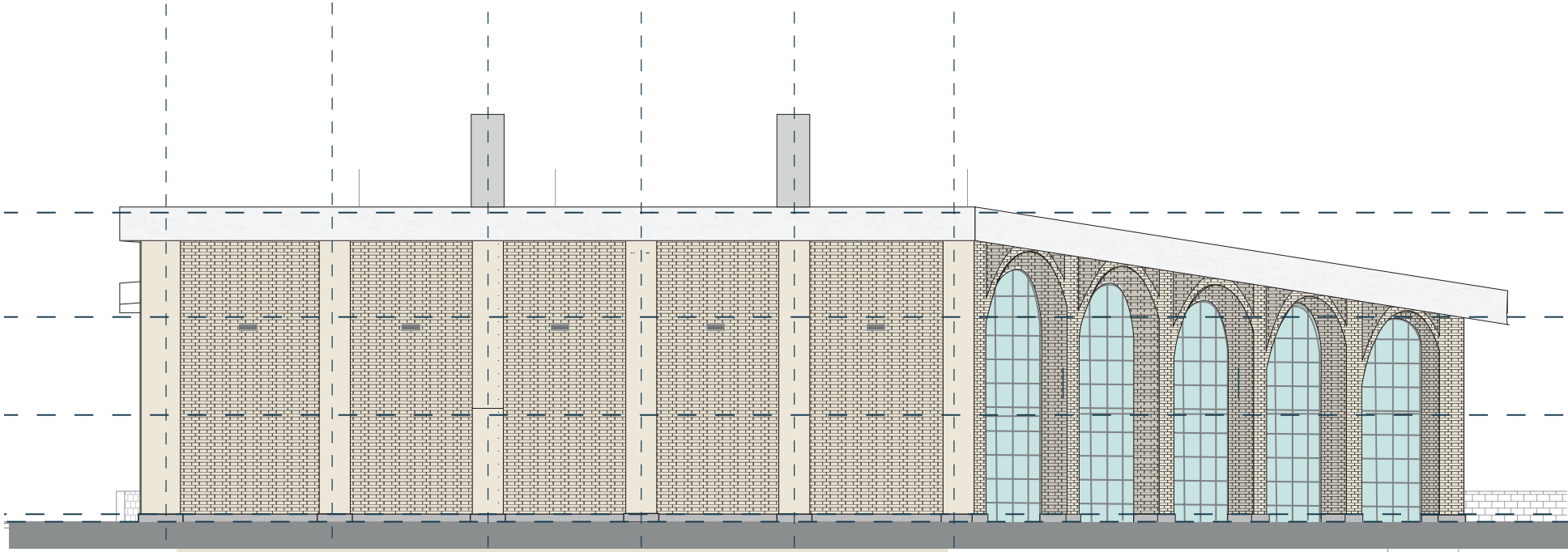
1:20 SECTION AND ELEVATION



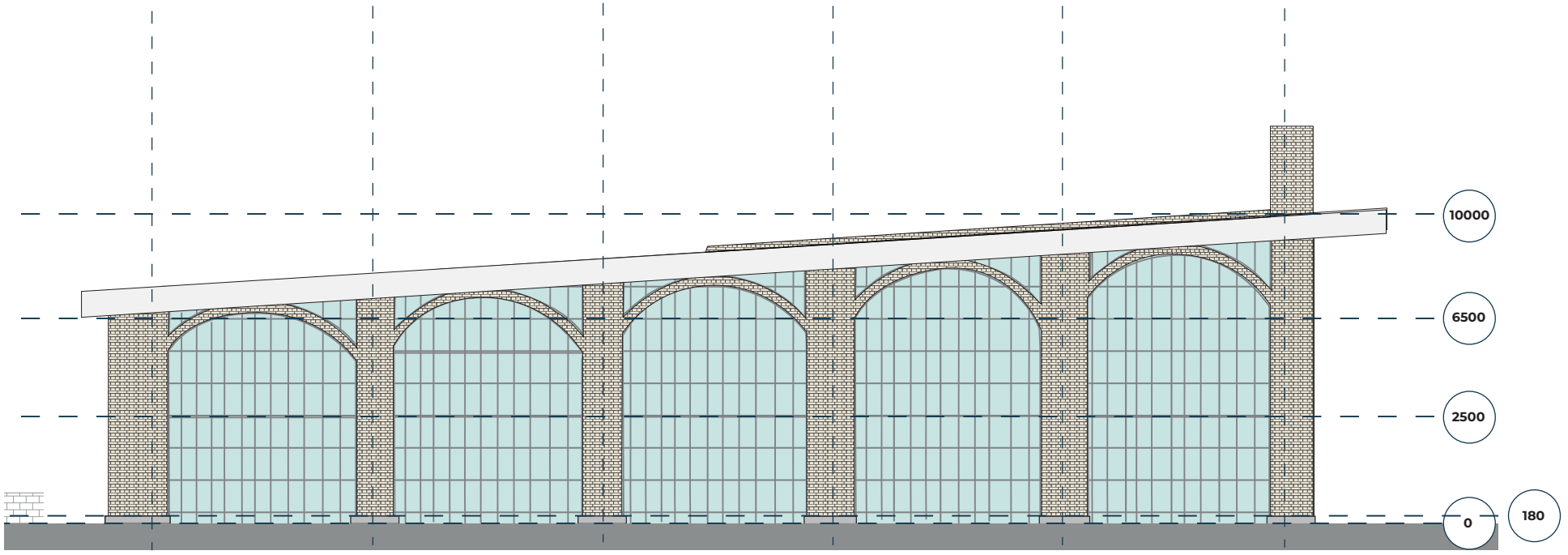
SILO WEST ELEVATION 1:200



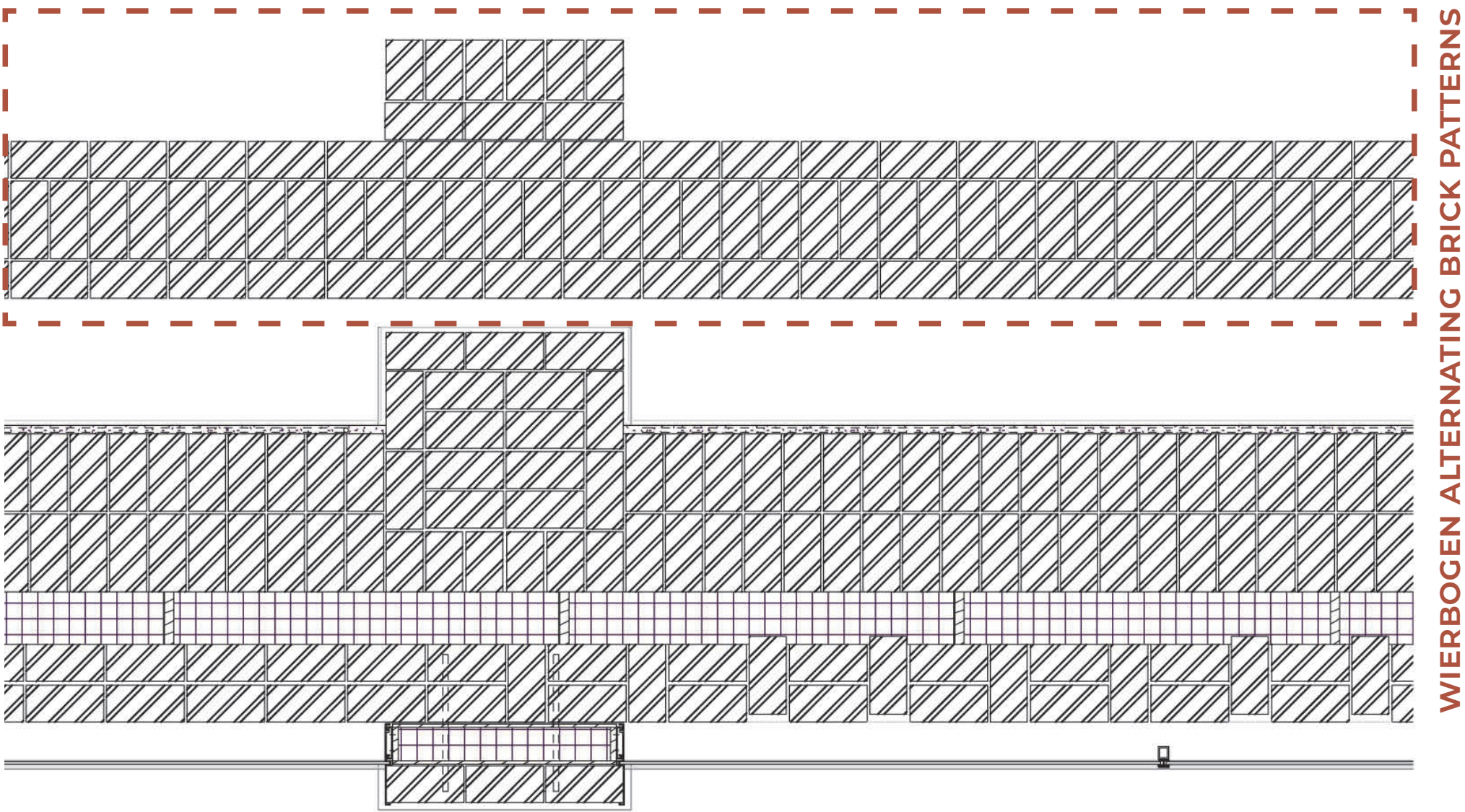
SILO NORTH ELEVATION 1:200



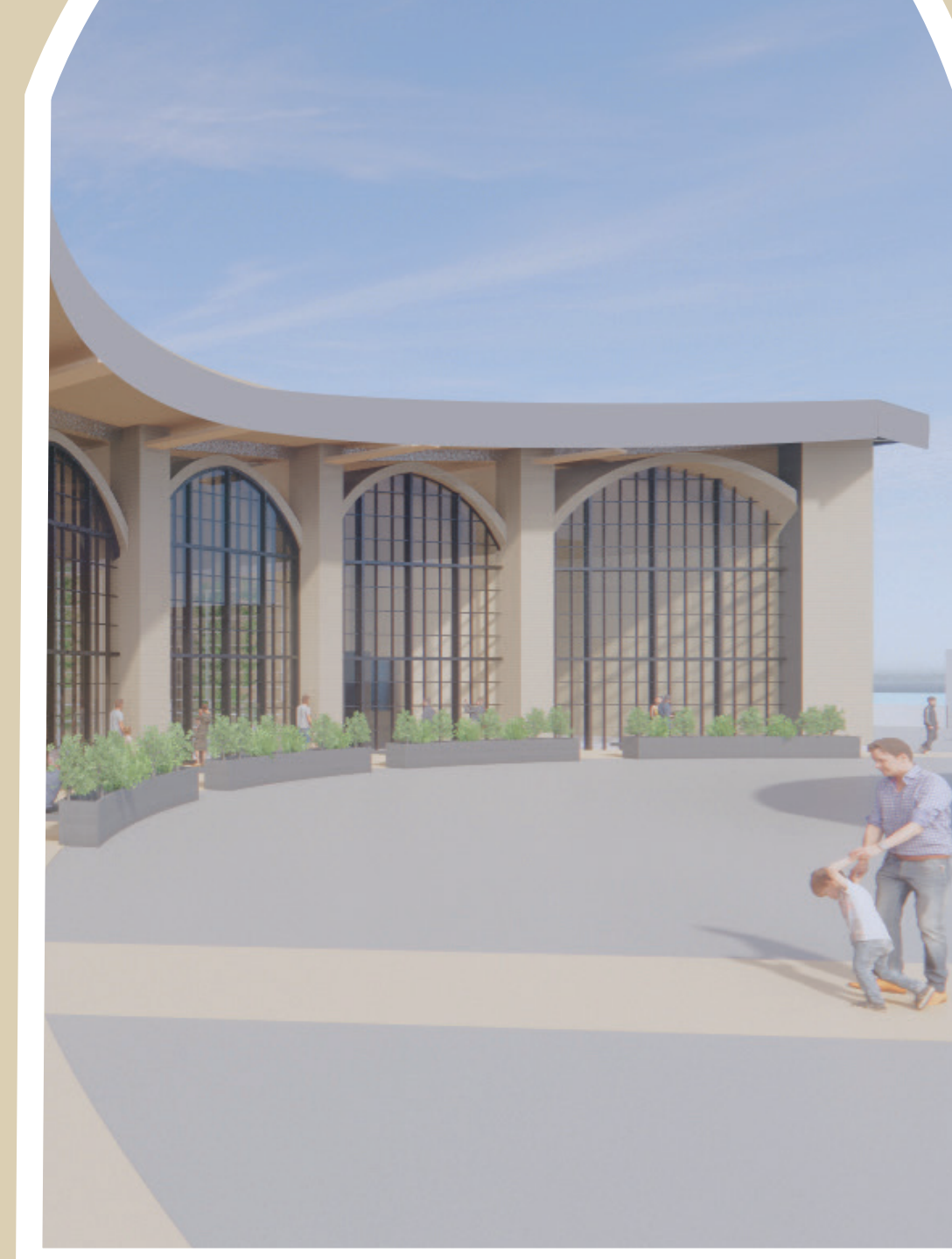
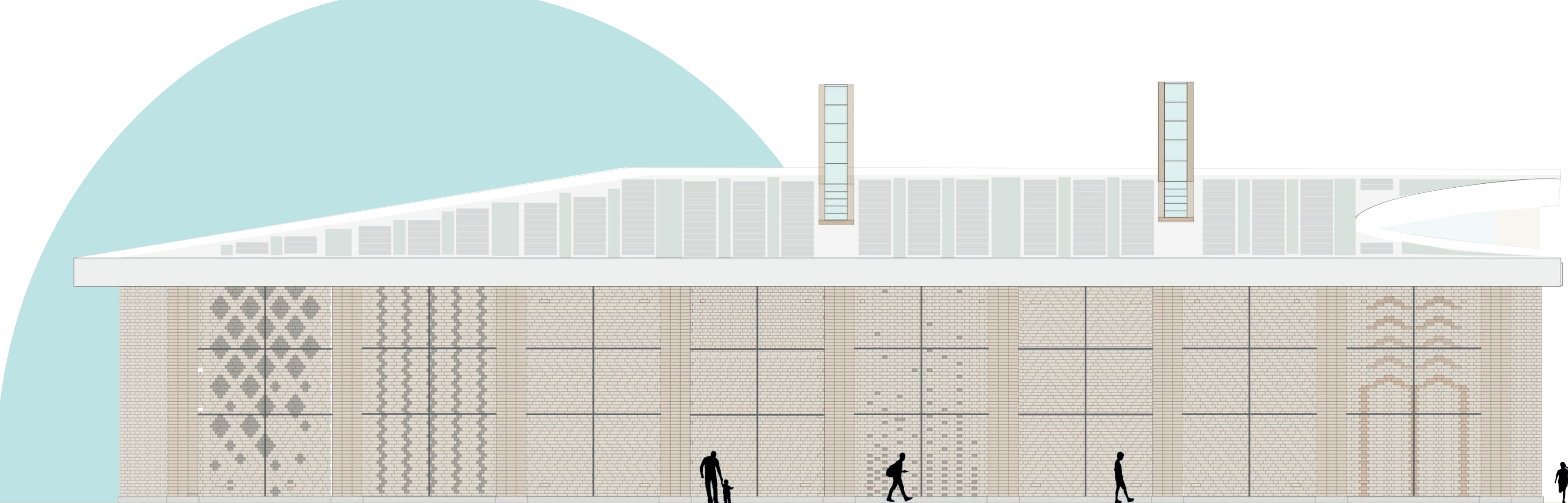
SILO EAST ELEVATION 1:200



1:20 HORIZONTAL SECTION



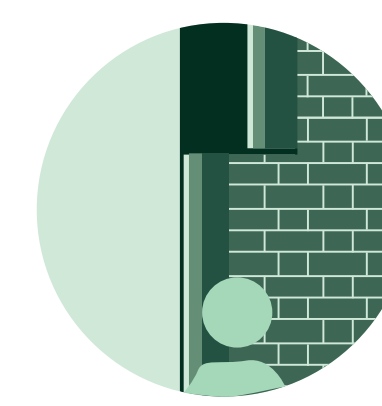
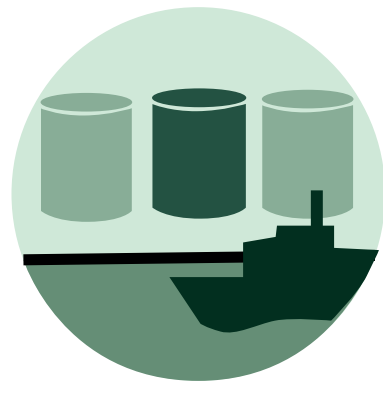
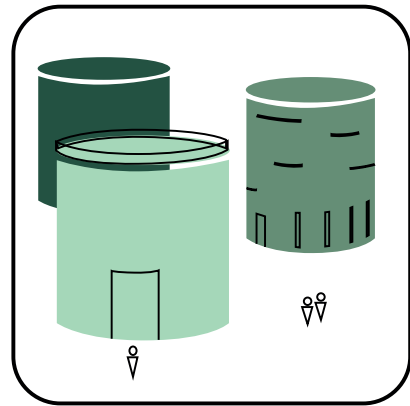
SILO SOUTH ELEVATION 1:100



WIERDOK

SEAWEEDFARM, SEAWEEDLOAMBRICK FACTORY AND EXPLORATION SITE

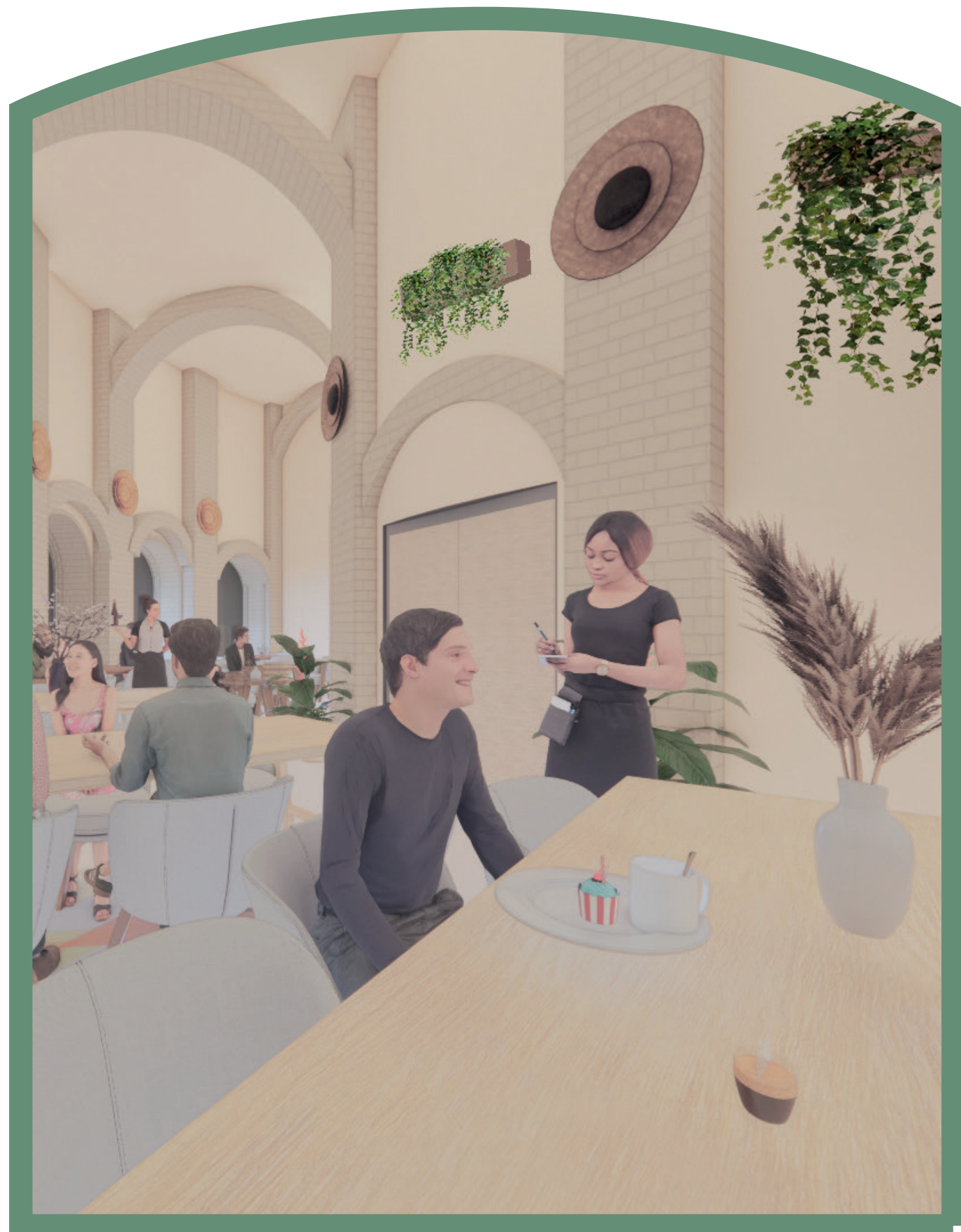
2 public space: restaurant, exhibition, panoramic view
workshops, hotel



heritage of loca-
tion

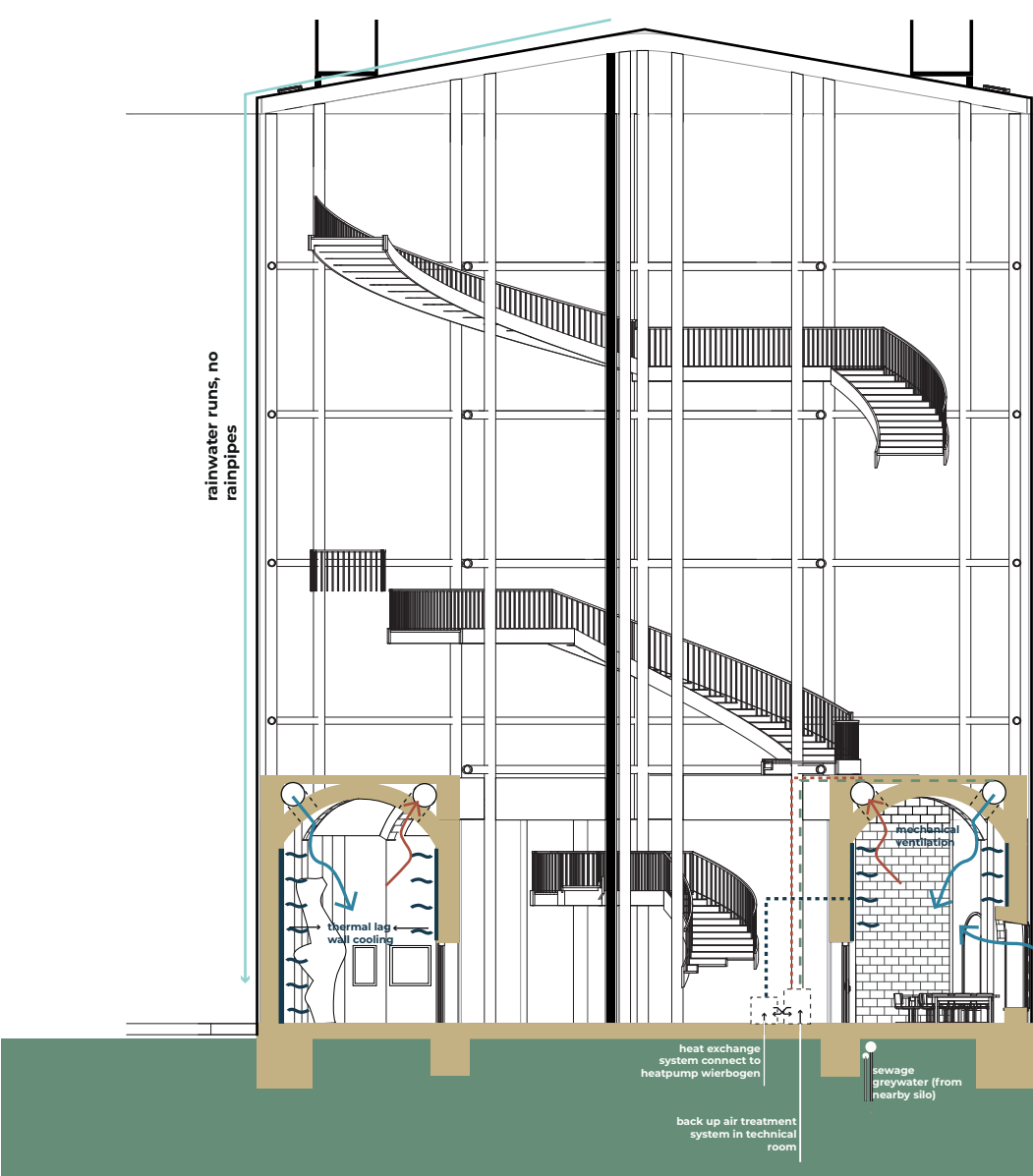
housing social and
service functions

contrast old and
new materials

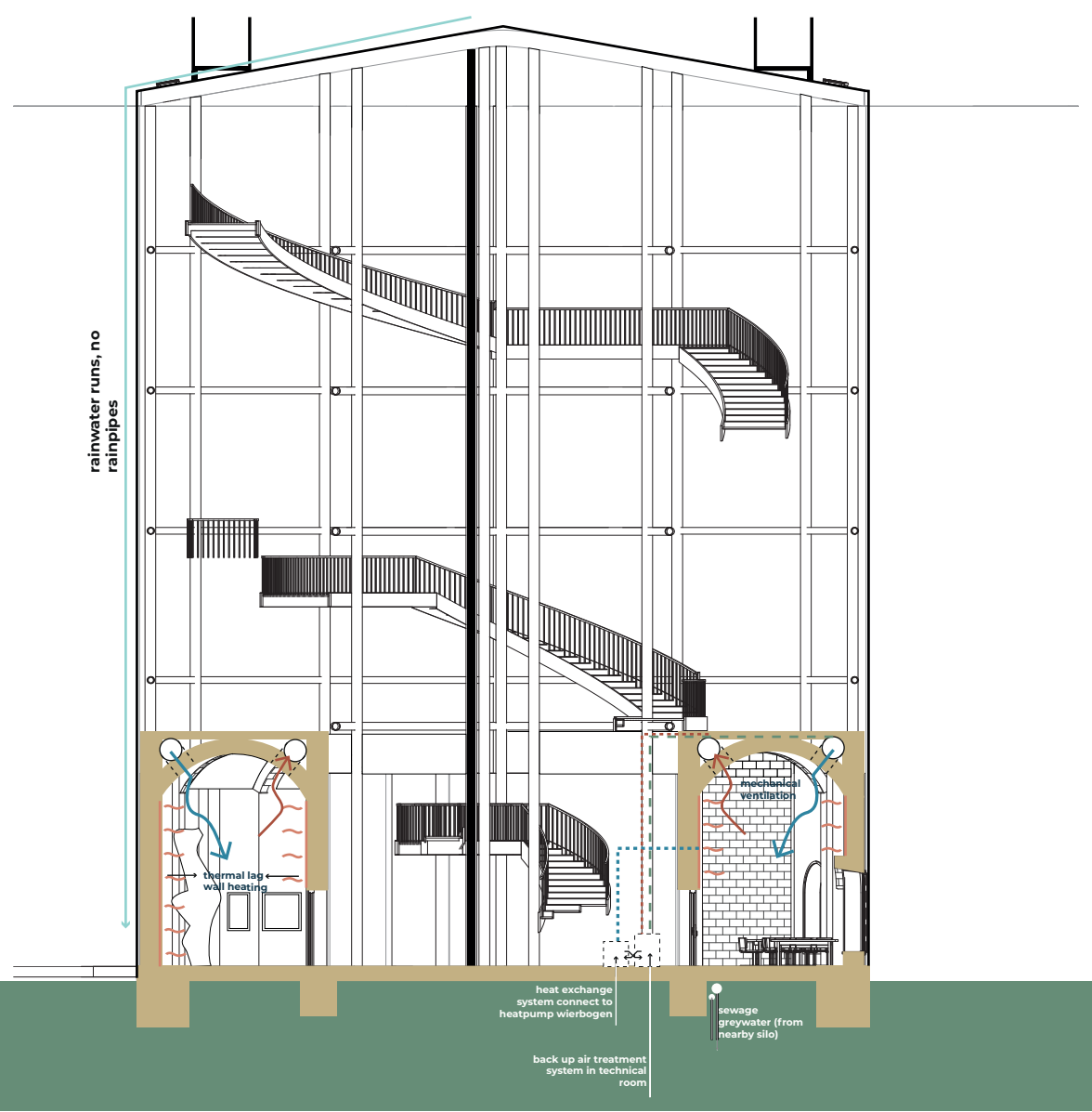


SILO SECTION CLIMATE CONCEPT 1:200

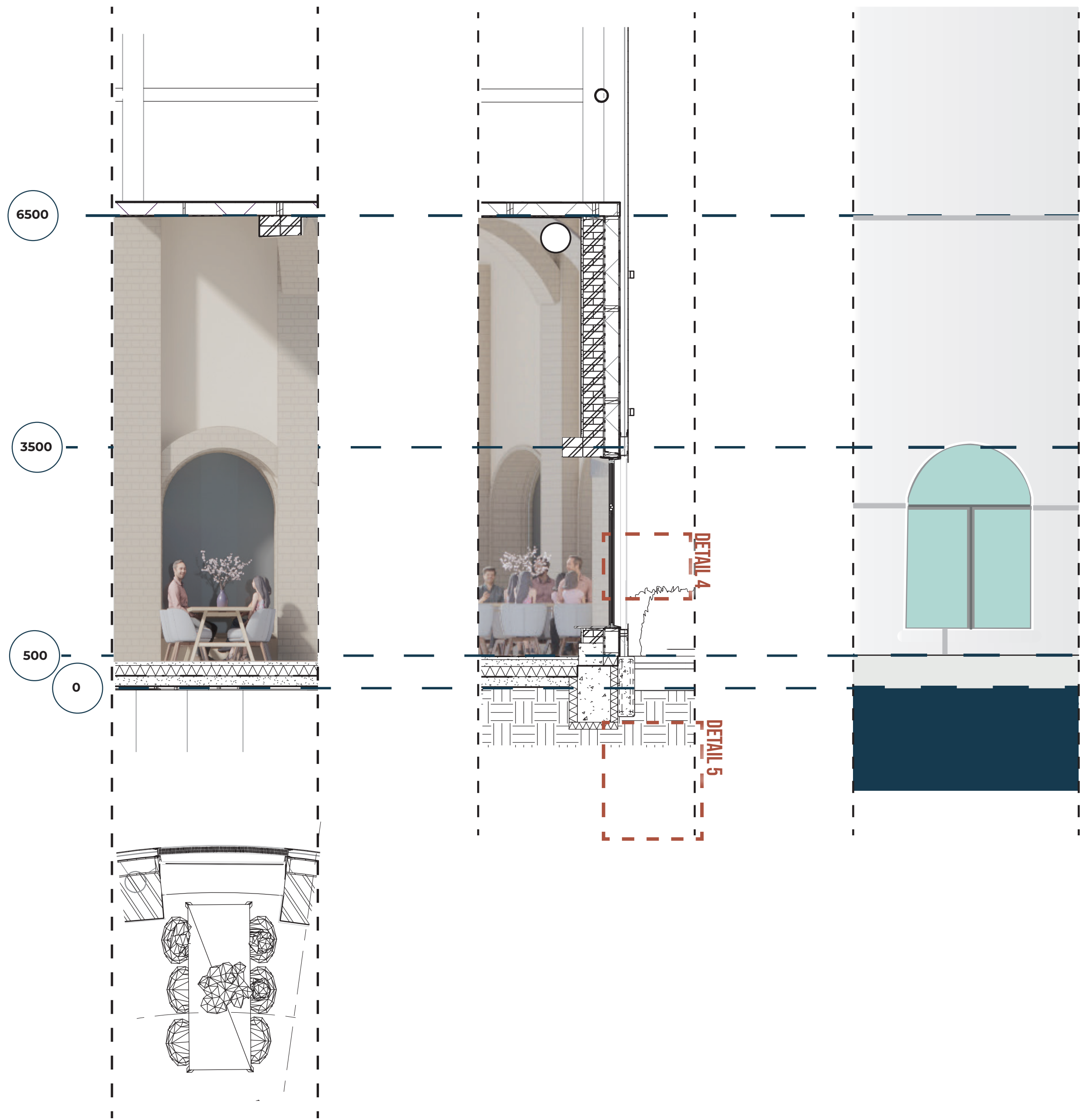
SUMMER



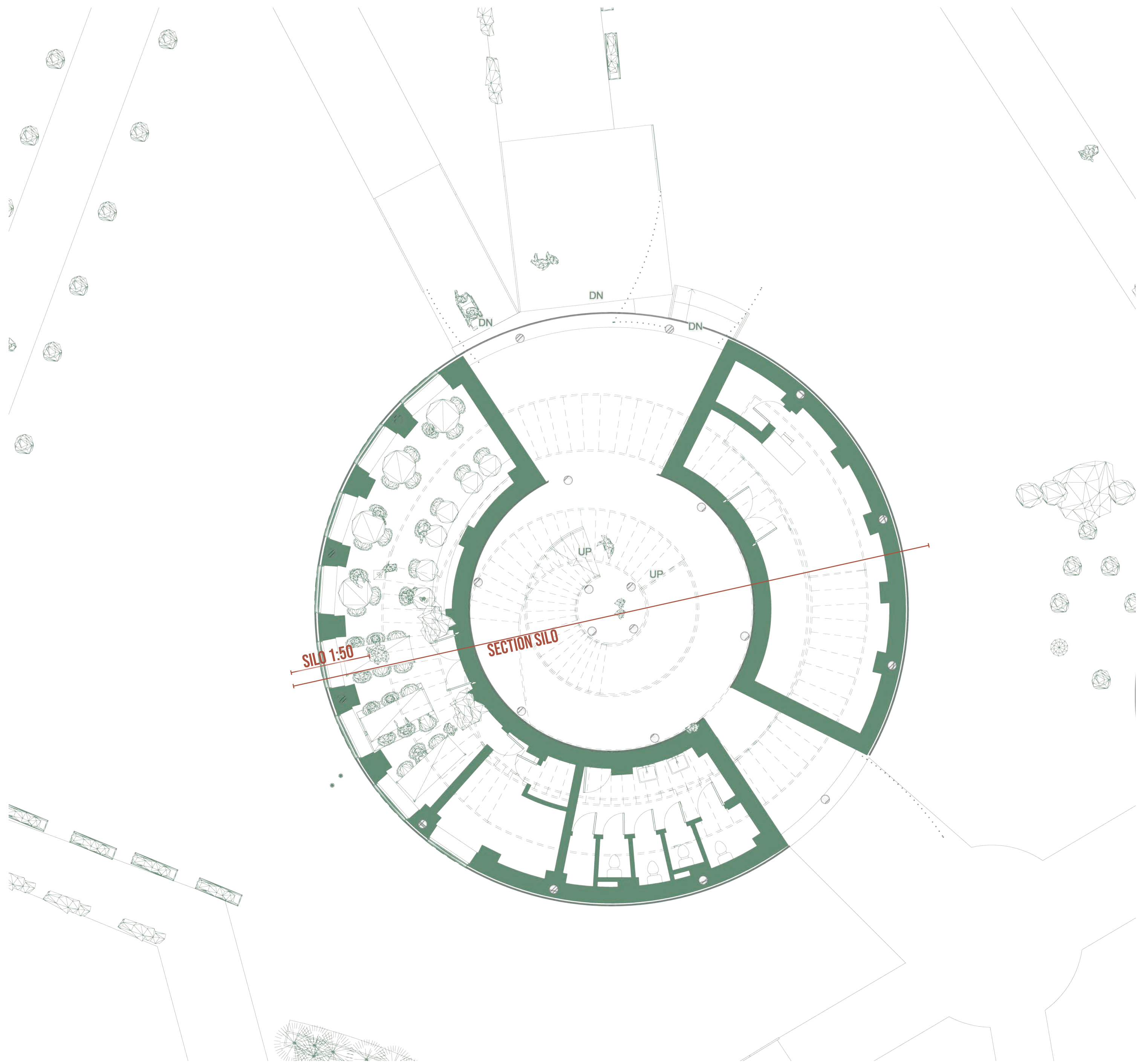
WINTER



SILO 1:50

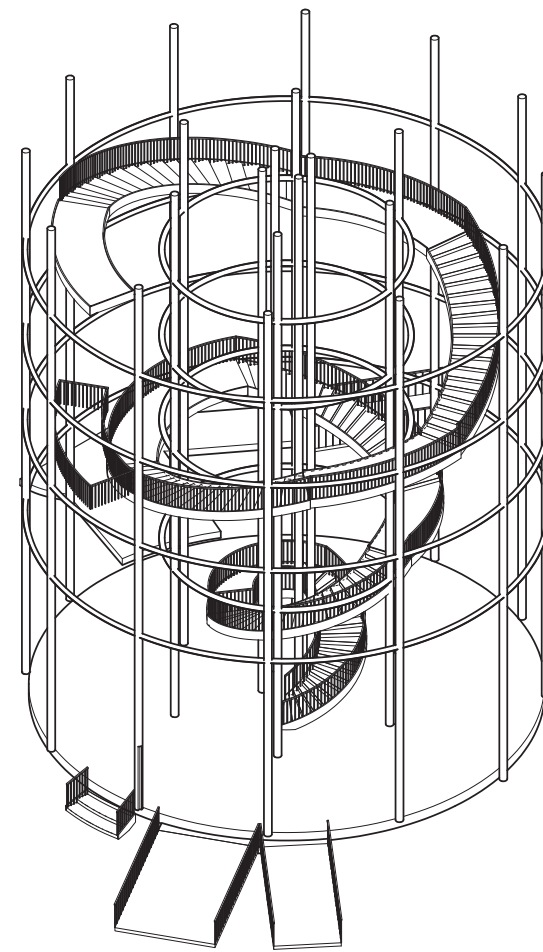


SILO FLOORPLAN 1:100

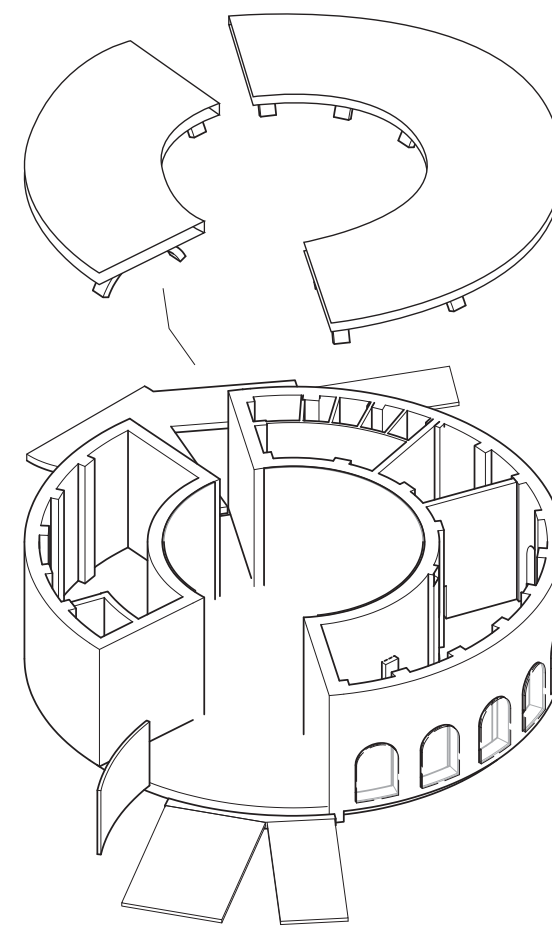


SILO LOAD BEARING STRUCTURES

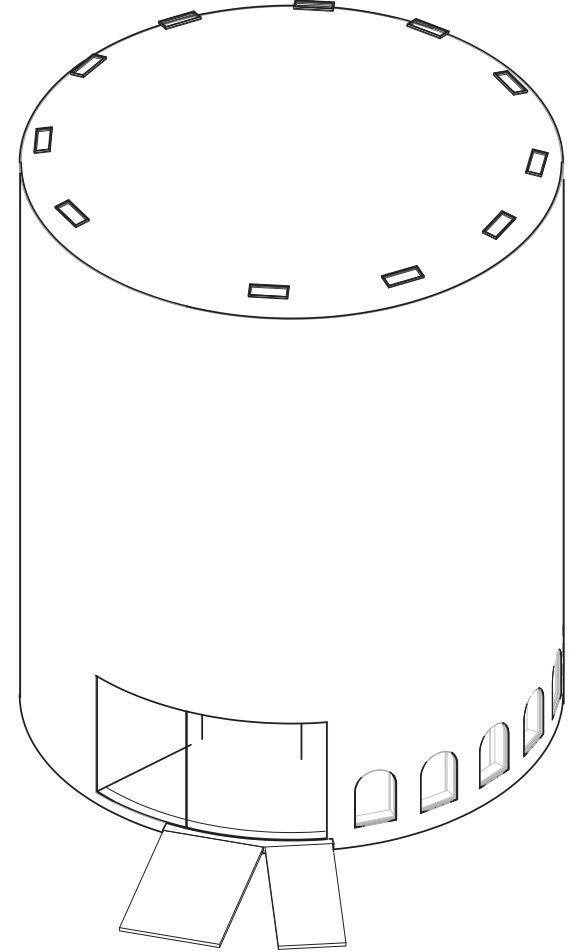
STAIR STRUCTURE
FREESTANDING



INSIDE SHELL
SEAWEEDLOAMBRICK



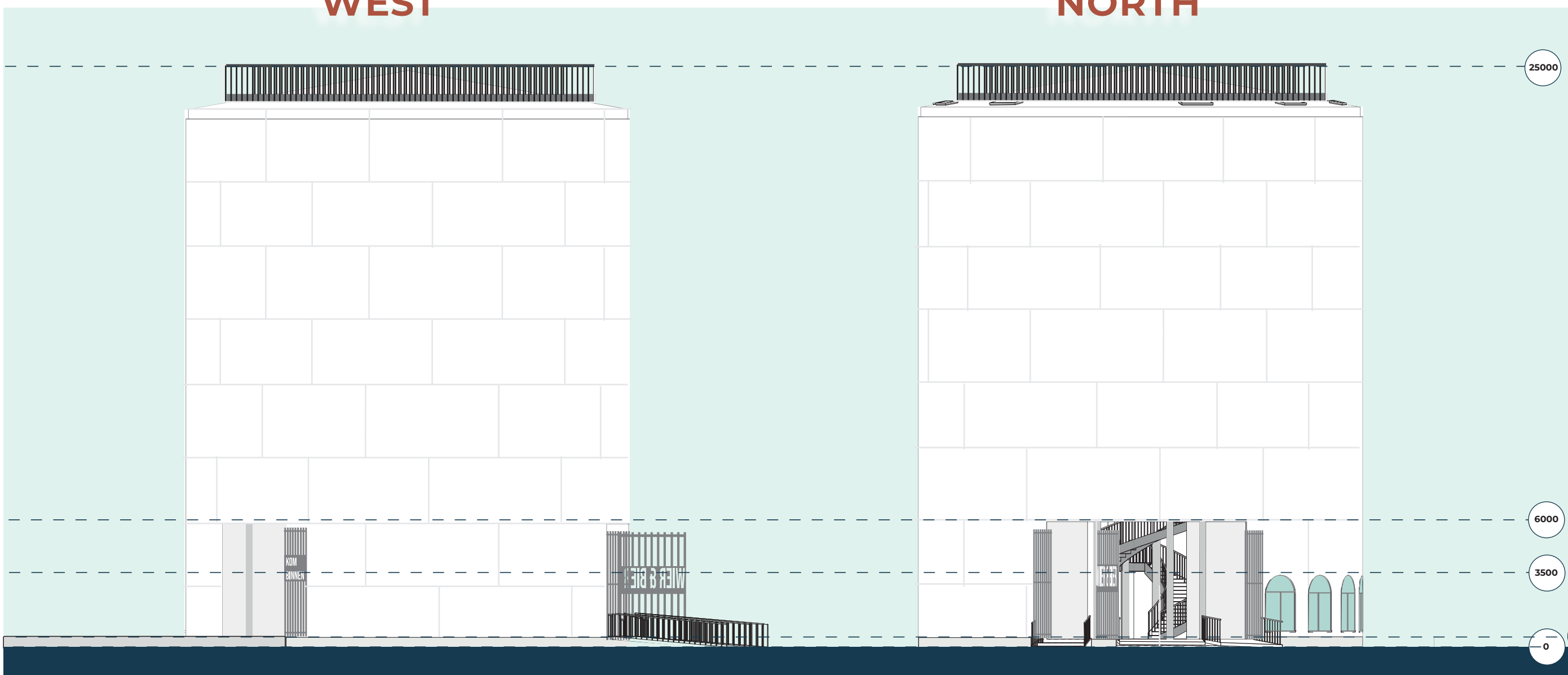
OUTSIDE SHELL
EXISTING



SILO ELEVATIONS 1:200

WEST

NORTH



SOUTH

EAST



