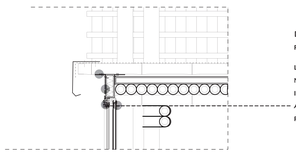
Metropolis meets Wetland

Urbanization of coastal waters as respons to the metropolisation of the Parana Delta

Nienke de Korte

Delta Interventions

TU Delft

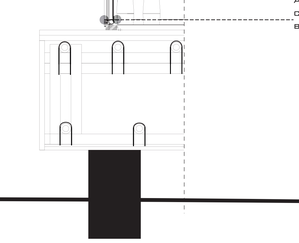


Detail 1
fold facade

L profile steel
mount element of aluminium including insulation
aluminium window frame
roller block to adjust folding facade

Detail 2
fold facade

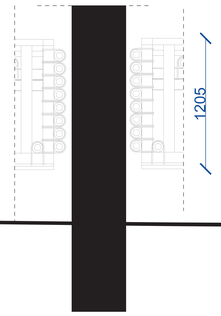
aluminium hinge element



Detail 3
fold facade

Aluminium frame
connection roller
block to windom frame

1:10 vertical details



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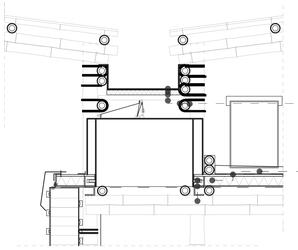
500

Detail 4
Stability element

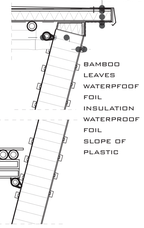
buoyancy element of
pamboo and PET bottles



Detail 5
Roof
stormwater
drainage
insulation
vapor tight foil
bamboo beam
Iron wire joint
Bamboo column

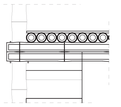
Detail 6
Roof
bamboo facade
construction
iron wire joint
iron chicken wire
to join polli
brick to cons-
ruction polli
brick
Uv protective
plastick panel
polli brick taps

bamboo beam
vapor tight foil
aluminium rol
element
insulation
waterproof foil
bamboo strokes



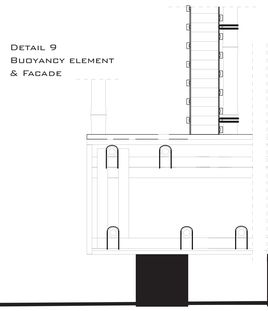
bamboo
leaves
waterpfoof
foil
insulation
waterproof
foil
slope of
plastic

Detail 7
Floor



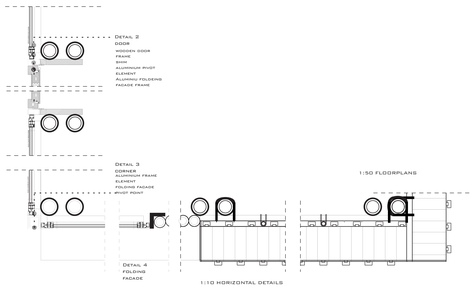
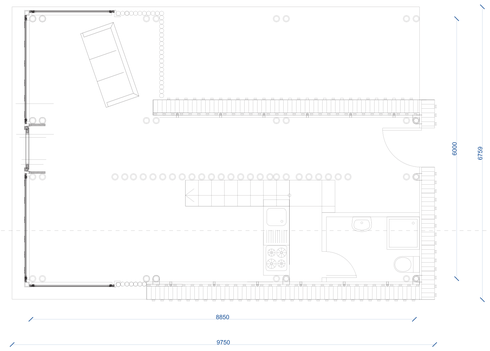
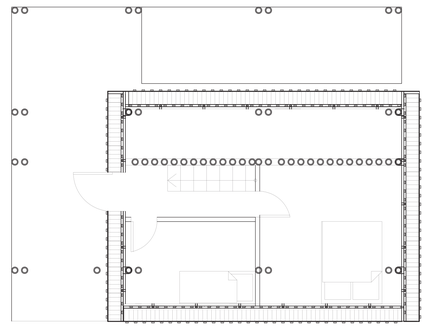
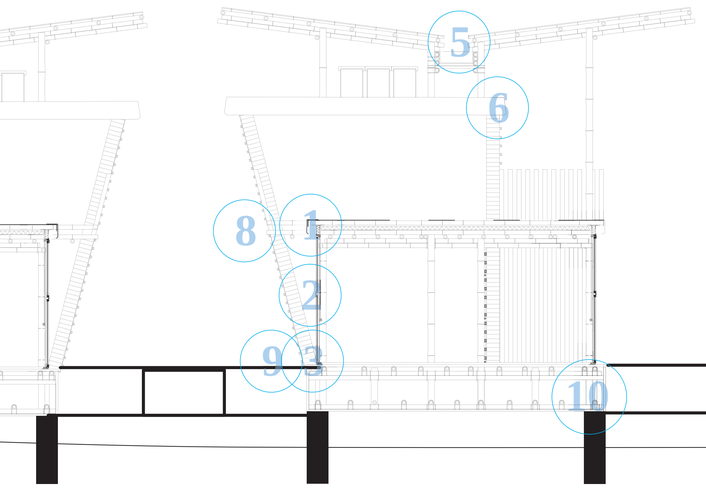
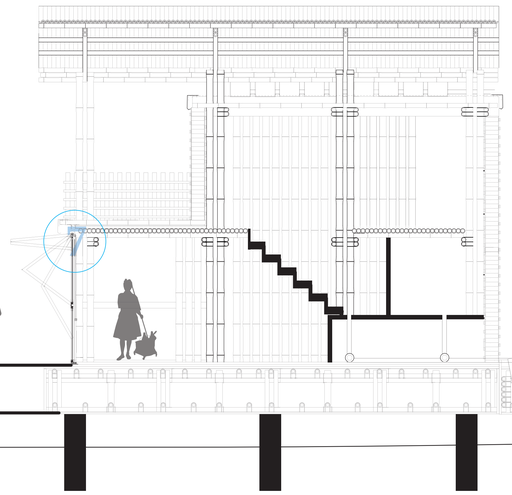
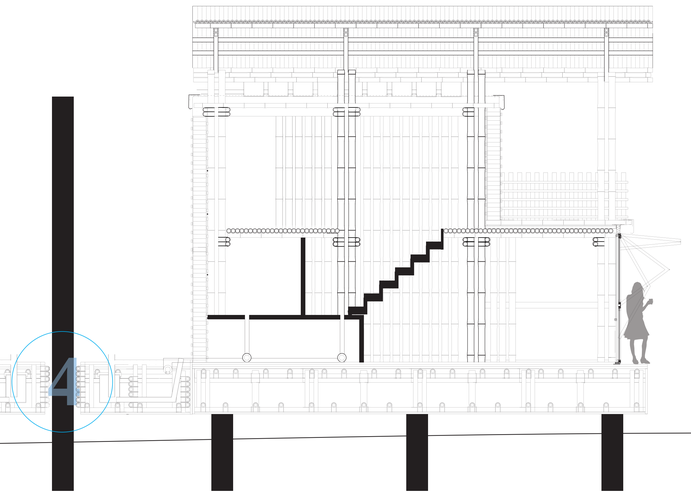
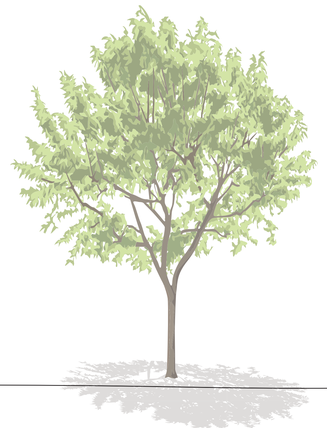
bamboo slices floor panels
bamboo
bamboo beams

Detail 8
Floor &
facade



Detail 9
Buoyancy element
& Facade

Detail10
Buoyancy element
& Facade

bamboo sliced
floor panels
waterproof plaster
bamboo buoncy
foundation frame
of bamboo
PET bottles

folding facade
source: solarlux