bussana vecchia_ City Park 1:2'000
themes

ART AND CRAFTSMANSHIP
themes

ART AND CRAFTSMANSHIP

TOURISM

AGRICULTURE (FLOWERS)
bussana vecchia_CITY PARK
State of fact

- One car access
- Two pedestrian accesses
one car access
four pedestrian accesses
one escalator
one local parking
one foreign parking
architecture and nature: degrees of orders_Research
Which are the **conditions** between natural and artificial and how can be used in an **architectural intervention**?
What kind of matter/geometry/light is analysed?

What is the process of making?

Circumstances | conditions which define the result
What kind of matter/geometry/light is analysed?

What is the process of making?

Circumstances | conditions which define the result
MATTER

From the Sanskrit “mat”, which means the act of measuring, of making with hands, of constructing; to “ma-tram”, matter.

The etymology of this world means first able the action of creation and then the thing created itself.

ABOUT THE PROCESS NOT THE FINAL RESULT
rammed concrete investigation

TIME

VOID

TRACE
-VOID

as counterpart of matter that structures and reveal masses creating space
as the main external force that modify matter during its transformation from one state to another one, as a result of actions

- TIME

birth of void
increasing of void
decreasing of mass
increasing of void
decreasing of mass
increasing of void
decreasing of mass
voids apex
turning point
birth of mass
decreasing of void
increasing of mass
balance
voids
masses
balance
-TRACE

as clue of a previous state of matter no longer present, to testimony, in the absence, the previous presence
TIME  VOID  TRACE

ZENITAL LIGHT  GEOMETRY  MATTER
<table>
<thead>
<tr>
<th>Time</th>
<th>Void</th>
<th>Trace</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zenital Light</td>
<td>Geometry</td>
<td>Matter</td>
</tr>
<tr>
<td>1:500 _ zenital light</td>
<td>1:200 _ mass and voids</td>
<td>1:1 _ trace of an absence</td>
</tr>
</tbody>
</table>
zenithal light_1:500
ZENITHAL LIGHT ANALYSIS

BASE: PATHWAYS

bussano vecchia analysis model
plaster and jute model
35cm x 56cm
scale 1:750
ZENITHAL LIGHT ANALYSIS

MASK: BUILT ENVIRONMENT

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ZENITHAL LIGHT ANALYSIS

BASE: PATHWAYS
MASK: BUILT ENVIRONMENT

bussana vecchia analysis model
plaster and jute model
35cmx56cm
scale 1:750
MAPPING

buonscorno vecchia analysis model
plaster and jute model
35cm x 56cm
scale 1:750
design site
patios and voids
OFFICES AND SHOWROOMS
roof view m +230

ORTUS CONCLUSUS
ATRIUM OF ENTRANCE
- hall & expo
- reception
WORKSHOP AREAS | LEARNING CENTRE

- machines room
- workshop areas
- storages
- lecture room
- services
mass and voids_1:200
PATIO

WORKSHOP AREAS
escalators

atrium of entrance

workshop areas and learning centre
entrance
hall expo
workshop areas and learning centre
entrance
workshop areas and learning centre
floorplan
creating the MOULD OF SPACE_THRESHOLDS
**machines room**
- woodworking
  - frame saw
  - circular saw
  - panel saw
  - cross cut saw
  - band saw
  - milling
  - belt sander
  - edge sander
- metalworking
  - disc grinder
  - metal machine
  - drill
  - band saw
  - lathe
  - cupboard for extra tool
  - tool sharpening machine

**workshop areas**
- work bench
- tool bench

**storages**
- raw matter
- final product

**lecture room**

**stuff**
- waste room
- boiler room
- wc
- changing area

**patios**
- machines room
  - woodworking
  - metalworking
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    - circular saw
    - panel saw
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    - belt sander
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- workshop areas
  - work bench
  - tool bench
- storages
  - raw matter
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- lecture room
- stuff
  - waste room
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  - changing area
- patios
inside out spaces

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  .metalworking
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disc grinder
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drill
  .cross cut saw
band saw
  .band saw
lathe
  .milling
cupboard for extra tool
  .belt sander
tool sharpening machine
  .edge sander

- workshop areas
  .work bench
  .tool bench

- storages
  .raw matter
  .final product

- lecture room

- stuff
  .waste room
  .boiler room
  .wc
  .changing area

- patios
mould of space
mould of space
Patio_Windows cross section scale 1:5

- Waterproof membrane
- Soft insulation 80mm-140mm
- Wooden slat
- Single glass 6mm+0.2mm+6mm
- Windows removal system
- Gap: from 5mm up to 10mm

Patio_Windows horizontal section scale 1:5

- Sliding windows handle
- High performance insulation 15mm
- Gap: from 10mm up to 20mm
- Gap: from 5mm up to 10mm
- Sliding system
- Wooden slat
- Electrical conduit
- Gap: from 20mm up to 30mm
- White exposed concrete
- Gap: from 5mm up to 10mm

Plaster pigmented concrete 40mm

Drainage system 80mm

Loan layer of concrete
**Patio**

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creation of a gap for the junction of materials
Patio Windows cross section: scale 1:5

- **Material:** Waterproof membrane
- **Soft insulation:** 80mm-140mm
- **Material:** Wooden slat
- **Windows removal system:** Gap: from 5mm up to 10mm
- **Windows sliding system:** Gap: from 5mm up to 10mm

- **Material:** White exposed concrete
- **Material:** Electrical conduit
- **Gap:** from 20mm up to 30mm

- **Material:** Draining system 80mm
- **Material:** Loan layer of concrete

**Dimensions:**
- Single glass: 6mm+0.2mm+6mm
- Sliding system
- Wooden slat
trace of an absence_1:1
stratigraphy

(mS) MARLS OF SANREMO

(oO) CLAYS OF ORTOVERO

(oO + CMVa + CMVc)

(cgV) CONGLOMERATES OF MONTE VILLA

CMVa
CMVb
CMVc

stratigraphy
construction process

site
construction process

pillar excavation
construction process

cement cast
construction process

soft rock removal process

diamond wire saw

rocksplit machine

hand made correction
GENESIS

MATTER sand

ACTION color_solidification
texture_erosion

FORM

GENESIS

MATTER rock+concrete

ACTION color_rock_trace
texture_machine

FORM
floorplan
smooth surfaces
smooth VS rough
smooth VS rough
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Leon Van Paassen

Dimitris Baltoukas
Engineer
Dimitris Baltoukas

Laura Alvarez
Architecture
Laura Alvarez

Kengiro Azuma
Artist
Kengiro Azuma
dankjewel.

grazie.