DELEGUES
Studio TC/DZ
624 243 7209
Material CF
Protofigure MAP
Photo VM
Editorial MAP/RK
Model/Construction MP/MO
ZOOM ID:
House of Commons (HoC)
667 5404 1606
STUDIOS
Studio Bourgeois
Studio Caratoc
Studio Clément
Studio Fauvel
Studio Frascoli
Studio Henkel
Studio Labro
Studio Mirechal
Studio Pretolani
Studio Wegman
678 8804 7026
ORDER PROPS
by appointment
Drawing UW
610 1668 9986
Drawing MAP
633 2293 5737
Model/Construction MP/MO
687 2188 7825
Image Construction VM
683 2117 9732
Project TC/DZ
654 1562 5528

# JOUR D'ACCUEIL

# MEASURES

**OBJECTIVES - Surveying**

- To observe, explore, and comprehend a territory through the expereience and act of taking measures (cf. CODEX MEASURES)
- To comprehend the process and methods of translating three dimensional space into two dimensional drawing
- To comprehend the translations between two and three dimensions through the process of constructing moulds and casting plaster

**PROCESS**

- Physically experience the assigned vector by directly delineating it on site, defining the method and the tools
- Observe, measure and map the situations appearing along the Vector by defining what (including but not limited to topography, topology, demographics, history, et cetera) and how to measure.
- Define how the vector acts an instrument, for example is it a section cut, a datum from which to measure, a segmented line used for sampling, a way-finding orientation, et cetera.
- Other procedures to be further elaborated by and with the Studio Directors

**GIVENS**

- Work in groups of two
- The assigned Vector (maximum two studios per Vector) must be surveyed in its entirety by each studio.
- Monge projection
- 1 dm³ plaster per cast
- Additional givens to be further elaborated by and with the Studio Directors

**FORMS**

- The protofigure with measures along the Vector, 1:333, 1:33, 1:1
- Moulds and casts, 1:33, 1:1
- Image constructions
- Blog posts and documentation
- Additional forms to be further agreed with the Studio Directors

# ELEMENTS

**OBJECTIVES - Material and Construction**

- To observe and analyse measures, now translated onto the protofigure, to reveal potentialities of the site along the assigned vector
- To react to and actualise these potentialities with an initial construct in the form of a site-specific, 1:1 element (cf. CODEX ELEMENTS)
- To comprehend the capabilities and limits of materials and their construction

**PROCESS**

- Identify one or a series of potentialities on the vector by reading the findings of measures on the protofigure
- Hypothesise on how to actualise this potentially/potentialities with an element through drawing and model-construction
- Refine and construct at 1:1 scale the element and test on site, making sure to document with photography
- Other procedures to be further elaborated by and with the Studio Directors

**GIVENS**

- Work in groups of two
- Start from measures, now documented on the protofigure
- The element should be of a portable size at 1:1 scale - the maker must be able to carry it by themselves
- Other givens to be further elaborated by and with the Studio Directors

**FORMS**

- The protofigure, 1:333, 1:33, 1:1
- A portable-sized element constructed on the vector and documented on site, 1:1
- Image constructions
- Blog posts and documentation
- Additional forms to be further agreed with the Studio Directors

# PLANES

**OBJECTIVES - Space-making**

- To develop a spatial intention that responds to the potentialities revealed by the element in the form of planes (cf. CODEX PLANES)
- To investigate space as an in-between condition, an intersection of a horizontal and a vertical condition that specifically positions the body in relation to the site
- To explore ground and grounding in relation to planes

**PROCESS**

- Identify a potentiality observed from the element on site, on the vector
- Develop and actualise this potentiality into an intersection of planes through drawing and model-construction
- Other procedures to be further elaborated by and with the Studio Directors

**GIVENS**

- Work individually
- Start from the element
- 1 dm³ of plaster per cast
- Other givens to be further elaborated by and with the Studio Directors

**FORMS**

- The protofigure, 1:333, 1:33
- A model of planes with all the necessary, accompanying drawings to construct it (on the protofigure), 1:33
- Image constructions
- Blog posts and documentation
- Additional forms to be further agreed with the Studio Directors

SCAFFOLDING WORKSHOP
STAGING THE PROTOFIGURE
14.-21.12.21
A week to work collectively across the studios to bring together and analyse all the investigations of the vectors during the semester. Further details to be announced.

# ROOMS

**OBJECTIVES**

- To identify potentialities of the defined site using the methods, tools and skills acquired in the first semester
- To respond to and actualise these potentialities with the development of a room (cf. CODEX ROOMS), creating a specific body-to-site relation
- To exchange and negotiate with real life collaborators, sponsors and inhabitants in the process of making of an architectural project

**PROCESS**

- Observe, measure and draw the defined site at which your studio will be working and in doing so, identify the potentialities
- Create a new constellation of two Planes projects by transposing them into the defined site
- Translate the constellation of planes to the new situation, considering 1. what has been observed of the territory, 2. its relation to the site, 3. the affected parties, including collaborators, partners and inhabitants, 4. materiality and construction and 5. spatial practices that respond to defined, programmatic needs
- Other procedures to be further elaborated by and with the Studio Directors

**GIVENS**

- Work in groups of two
- Start from the two planes projects
- The site defined by ALICE
- Other givens to be further elaborated by and with the Studio Directors

**FORMS**

- The protofigure, 1:333, 1:33, 1:10, 1:5, 1:1
- A model of rooms, 1:33, 1:10
- Maquettes, fragments, prototypes and/or mock-ups, 1:10, 1:5 and/or 1:1
- Image constructions
- Blog posts and documentation
- Additional forms to be further agreed with the Studio Directors

# GARDENS

**OBJECTIVES**

- To work collectively in creating a constellation of Rooms that coherently becomes Gardens, to be inhabited
- To augment sites in order to fully realise their potentials and in doing so, create inclusive spaces
- To construct safe, stable and inhabitable structures on site
- To consult and negotiate with structural engineers and material specialists

**PROCESS**

- Procedures to be further elaborated by and with the Studio Directors

**GIVENS**

- Work collectively
- Evolve gardens from a constellation of rooms
- The site defined by ALICE
- Other givens to be further elaborated by and with the Studio Directors

**FORMS**

- The protofigure, 1:333, 1:33, 1:10, 1:5, 1:1
- A collective model of gardens, 1:10
- Maquettes, fragments, prototypes and/or mock-ups, 1:10, 1:5 and/or 1:1
- Construction dossier including but not limited to a timeline, catalogue of pre-fabrication parts, drawings of the construction sequence, logisitics iadgrams, transportation strategies, material requirements, sources and sponsors
- Gardens, safe and stably constructed, 1:1
- A performative presentation of the intervention on site
- Image constructions
- Blog posts and documentation
- Additional forms to be further agreed with the Studio Directors

# SPRING BREAK

# PROJECT WEEK

30.05.22-31.05.22
(A)MENAGER

20.06.22
DÉBUT EXAMENS D'ÉTÉ

01.06.22-02.06.22
FINAL REVIEWS

09.07.22
FIN EXAMENS D'ÉTÉ

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.09.21 | | 27.09.21 | 04.10.21 | 11.10.21 | 18.10.21 | 25.10.21 | 01.11.21 | 08.11.21 | 15.11.21 | 22.11.21 | 29.11.21 | 06.12.21 | 13.12.21 | 20.12.21 | 21.02.22 | 28.02.22 | 07.03.22 | 14.03.22 | 21.03.22 | 28.03.22 | 04.04.22 | 11.04.22 | SPRING WORKSHOP | 25.04.22 | 02.05.22 | 09.05.22 | 16.05.22 | 01.06.22-02.06.22 |
| 13:30 Plenary | | MEASURES 20:15 @ SG1 Sessions @ Ateliers Projet en développement | MEASURES 20:15 @ SG1 Sessions @ Ateliers Projet en développement 21:15 @ BP4321/ Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ | MEASURES 20:15 @ SG1 Sessions @ Ateliers Projet en développement | MEASURES 20:15 @ Ateliers PROGRESS REVIEW 1 | MEASURES ELEMENTS 20:15 @ SG1 Sessions @ Ateliers Projet en développement 21:15 @ BP4321/ Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ | MEASURES ELEMENTS 20:15 @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS 20:15 @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS 20:15 @ Ateliers PROGRESS REVIEW 2 | MEASURES ELEMENTS PLANES @ SG1 Sessions @ Ateliers Projet en développement 21:15 @ BP4321/ Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ | MEASURES ELEMENTS PLANES @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES @ Ateliers PROGRESS REVIEW 3 SCAFFOLDING WORKSHOP | MEASURES ELEMENTS PLANES @ Ateliers SCAFFOLDING WORKSHOP | MEASURES ELEMENTS PLANES ROOMS @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES ROOMS @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES ROOMS @ SG1 Sessions @ Ateliers Projet en développement 21:15 @ BP4321/ Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ | MEASURES ELEMENTS PLANES ROOMS @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES ROOMS @ Ateliers PROGRESS REVIEW 4 | MEASURES ELEMENTS PLANES ROOMS GARDENS @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES ROOMS GARDENS @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES ROOMS GARDENS 20:15 @ SG1 Sessions @ Ateliers Projet en développement 21:15 @ BP4321/ Zoom ID 62344575029 Meeting of Studio Délégués | MEASURES ELEMENTS PLANES ROOMS GARDENS @ Ateliers PROGRESS REVIEW 5 | | MEASURES ELEMENTS PLANES ROOMS GARDENS 20:15 @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES ROOMS GARDENS 20:15 @ SG1 Sessions @ Ateliers Projet en développement | MEASURES ELEMENTS PLANES ROOMS GARDENS 20:15 @ SG1 Sessions @ Ateliers Projet en développement 21:15 @ BP4321/ Zoom ID 62344575029 Meeting of Studio Délégués | MEASURES ELEMENTS PLANES ROOMS GARDENS 20:15 @ SG1 Sessions @ Ateliers Projet en développement | |
| 21.09.21 | 28.09.21 | 05.10.21 | 12.10.21 | 19.10.21 | 26.10.21 | 02.11.21 | 09.11.21 | 16.11.21 | 23.11.21 | 30.11.21 | 07.12.21 | 14.12.21 | 21.12.21 | 22.02.22 | 01.03.22 | 08.03.22 | 15.03.22 | 22.03.22 | 29.03.22 | 05.04.22 | 12.04.22 | | 26.04.22 | 03.05.22 | 10.05.22 | 17.05.22 | |
| 10:30 @ Ateliers Lancement du projet | 10:30 @ Ateliers Projet en développement PIN-UP 1 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 2 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 3 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 4 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 5 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 6 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 7 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 8 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 9 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 10 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 11 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 12 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 13 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 14 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 15 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 16 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 17 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 18 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 19 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 20 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 21 OFFICE HOURS | | 10:30 @ Ateliers Projet en développement PIN-UP 22 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 23 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 24 OFFICE HOURS | 10:30 @ Ateliers Projet en développement PIN-UP 25 OFFICE HOURS | |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 28 24 26 26 27 28

29 30 31 32 33 34 35 36 37 38

## COMPETENCES

**«L'HOMME PENSE PARCE QU'IL A UNE MAIN.» ANAXAGORE**

## SELF-EVALUATION

To be done weekly and assessed periodically with Studio Directors.

Situate yourself on the +/- scale with a mark each week to indicate how you perceive the quality of your work by competence.

The competences support rather than replicate each other in the making of an architectural project. Each student will be assessed on the quality of, and the comprehension demonstrated through each one of the competences (participation and making), as well as their overall coherence as the staging of an architectural project. Please refer to the ALICE y1 Fiche de cours for more information.

## DRAWING

- Use as a tool to hypothesise, test, observe and project ideas to scale
- Understand the tectonic logic of two-dimensional design and its transposition into three-dimensional space

## MODEL/CONSTRUCTION

- Tectonic quality
- Transition of scales
- Translation of space
- Imaginative construction
- Comprehension of craft

## IMAGE CONSTRUCTION

- Mastery of image-making
- Evocation
- Narrative
- Depiction

## DEBATE

- Structure of Argumentation
- Critical thinking
- Reflexivity
- Lexical precision

## PARTICIPATION

- Engagement
- Inclusion
- Individual contribution to the collective
- Care

## STAGING

- Coherence
- Complement of competences
- Demonstrate process
- Engaging and immersive quality

# [ALICE]
# [Y1]

## [BECOMING LEMAN]

How to draw with 200 hands? How to create resonance between the embodied presence of more than 200 persons on such a wide milieu as the Rhône Geneva? How to bound the scale of the body moving with the scale of the territory?

The protofigure is a set of lines that virtually encompasses a series of spaces constituting an experimental figure as a territorial demonstrator – the Pure du Rhône and Jardin de Nations as a new landscape nexus – allowing for the bodily experience of the city-landscape as a part of the Grand Genève geographical complex through walks, bike rides or trolleys.

The protofigure presented on the two sides of this ALICE y1 programme as a reduction, has been already been an active threshold for citizens, architecture-in-becoming and the ALICE Lab for the last two years. The threshold as a medium was proposed originally as a set of points and lines. It aimed at articulating the physical materiality of the sites, the experience of the contributors, and existing forces of the landscape. Partially situated in existing sites, and extended across the landscape, the protofigure engages transversal readings of place and possible transformations.

The lines, known as vectors, had been named after existing human milieu, such as Eveux, Saint-Georges, Satigny. They are creating a relation between yet unrelated physical elements. As vectors, they are purely virtual entities; nevertheless, through this first virtual gesture of connection thanks to the imaginary lines, new potentials start to emerge where the physical reality does not remain unchanged.

The co-ordinate points, situated every twelve meters, articulate the scale of the drawing with movement of the body. Twelve meters is ten seconds of walking, three seconds in a bike, or the average width of a collective housing. With a simple string, one can easily materialize the distance between the two points. On looking at the drawing, the points are presented as a hinge between what is presented and your own moving body. That point on the drawing also has a direct relationship to an actual location.

This protofigure proposes an open set that co-ordinates all the experiences, from sensing, drawing, to dreaming co-ordinating in the sense of making them ecstatic, of creating a communication, and thus a resonance. As a mental force that flows back and forth between the feet, the hand and the eyes with a wider scale of the territory and the community of ALICE, the protofigure allows to navigate between the encounter in the physical reality with the latent imaginary lines and projects to see of the students.

Manifesting diversities and heterogeneity while allowing communication and resonance, the protofigure is both a common ground of reference and an articulation between the physical and the becoming, the individual and the collective. It acts as a common time and space, a ground that allows for the construction of time in the sky. — Jae Ruiz, Professor of Architecture, Director of the ALICE Lab, EPFL

## COHABITATION

### MEASURING GARDENS – HYPOTHESIS FOR ELEMENTS

**«NUL N'ENTRE ICI S'IL N'EST GÉOMÈTRE» - - PLATON**

In MEASURES we relate ourselves to the world and learn that observation is an active act. A world without measure – metric or poetic – remains unconscious. The most important task of an architect is to understand our environment with an engaged attitude towards what is perceived and experienced, then to work on complementing, reducing, extending, completing, erasing, renewing or building in response to what has been comprehended. MEASURES is a moment where the tools for this sensitive task of widening our observation are developed. The acquired skills of drawing, moulding and modelling allow us to reconstruct a universe that is both grounded in the physical existence of the world we live in and in the mind we dwell in.

### GARDENING ELEMENTS – HYPOTHESIS FOR PLANES

**QUOTE MISSING / QUOTE MISSING / QUOTE MISSING / QUOTE MISSING**

ELEMENTS is the moment where we physically install our bodies on site to experience the environment. To achieve this moment we use tools, devices, architectural body extensions and connections that allow our physicality to exchange with the milieu around us. Having observed, measured and mapped the site with our experience and imagination we now actively participate by interacting with it through a minimal architectural intervention that acts as a mediator. 1:1 scale will be employed for this endeavour so that all the three actors — body and consciousness, architectural device; territory or context — become real and at the same scale, intertwining to become one same storyline.

### GARDEN GROUNDING – HYPOTHESIS FOR ROOMS

**«ON APPELLE «LIMITE» L'EXTRÊMITÉ DE TOUTE CHOSE: À LA FOIS LE PREMIER POINT EN DEHORS DUQUEL IL N'Y A RIEN ET LE PREMIER POINT EN DEDANS DUQUEL TOUT SE TROUVE» - - ARISTOTE**

The pole PLANES builds on the act of measuring and delineating, transforming that act into spatial and relational qualities. In careful consideration of ground and landscape, PLANES install a place where activities change in nature. Horizontal, vertical and/or oblique articulation of elements introduce a place that is delineated by geometry and related to gravity and the body, forming referential ground and border conditions. Space is an experience within the new relation of the constructed planes and the site where they are installed. Plumb and Level remain fundamental cultural and productive discoveries. The "hidden" and the "staged" appear in a degree zero of architectonic articulation.

### SPACE GARDENING – HYPOTHESIS FOR GARDENS

**«MON CORPS EST LÀ OÙ IL A QUELQUE CHOSE À FAIRE» - MERLEAU-PONTY**

ROOMS is an open concept pertaining to the aspect of interiority. If six planes may indeed build up a room, Gottfried Semper's four elements of architecture – Earthwork, Hearth, Roof, and Enclosure - tell a story of cultural and social embeddedness, of spatial construction and its making, pertaining both to the immersion into actual architectures, but also into the processes of their making. ROOMS is a way to counter the still prevailing idea of architecture as objects. During this phase, the spatiality of our body and its immediate environment will be explored. Following the assimilation of how planar elements can form specific spatial conditions that relate to existing ones, ROOMS is an act of inhabitation, where one's body "enters the scene" and opens the question of how space is occupied.

### SPACE GARDENING – HYPOTHESIS FOR GENEVA

**«L'espace est essentiellement ce qui a été ménagé» — Heidegger**

GARDENS situates the immense fragility of life in the thinness of the biosphere. As a collective we will nurture the notion of care in our non-built and built environments. The future may be less about constructing ever more architectures than looking through the looking glass and wondering how to read and make sense of everything and everyone around us. Let us then dream how we transform and build on what we find there, an interior full of trees —
Where the Wild Things Are.


[ALICE]
BECOMING LEMAN

SECTION D'ARCHITECTURE
PREMIERE ANNEE 2021/2022
SEMESTRES 1&2

http://alice.epfl.ch

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