JOURNAL DE BORD

DELEGUES
Studio TC/DZ
623 4457 5029
Material CF
624 4945 5899
Protofigure MAP
645 1501 2117
Photo VM
672 3599 7688
Editorial MAP/RK
645 7615 4648
Model/Construction MP/MO
628 7459 6245
SESSIONS
667 5404 1006
STUDIOS
Studio Bengana
663 1577 3346
Studio Cirstoc
947 7658 2182
Studio Clement
665 6378 4133
Studio Fauvet
683 0988 1436
Studio Frascoli
535 835 7983
Studio Henkel
631 4986 2989
Studio Labo
636 5549 1559
Studio Maréchal
615 6169 3454
Studio Pretolani
652 6795 2986
Studio Santos
640 5061 3314
Studio Wegman
693 8804 7020
OFFICE HOURS
by appointment
Drawing UW
610 1668 9986
Drawing MAP
697 6480 1359
Model/Construction MP/MO
628 7459 6245
Image Construction VM
672 3536 0688
Project TC/DZ
654 1562 5528

MEASURES

OBJECTIVES : Surveying

- To observe, explore, and comprehend a territory through the experience and act of taking measures (cf. CODEX MEASURES and INVESTIGATION LEXICALE 1)
- To comprehend the process and methods of translating three dimensional space into two dimensional drawing
- To further comprehend the translations between two and three dimensional space 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 if 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 must be surveyed in its entirety by each studio
- Monge projection
- 1 dm² (1L) plaster per cast
- Additional givens to be further elaborated by and with the Studio Directors

FORMS

- The Protofigure with Measures along the vector, 1:330, 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 and INVESTIGATION LEXICALE 2)
- 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 from Measures on the Protofigure
- Hypothesise on how to actualise this potentiality/potentialities with an Element through drawing and Model/Construction
- Refine and construct at scale 1:1 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 or suggested by the Element in the form of Planes. (cf. CODEX PLANES and INVESTIGATION LEXICALE 3)
- 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 conditions to ground 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 dm² (1L) 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 to share and analyse all the investigations of the Vectors across the Parc du Rhône and the Jardin de Nations during the semester. Further details to be announced.

ROOMS

OBJECTIVES - Spatial practice

- 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 and INVESTIGATION LEXICALE 4), 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 the defined programmatic needs
- Other procedures to be further elaborated by and with the Studio Directors

GIVENS

- Work in groups of two
- Start from the constellation of 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, 1:3, 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 : Resonance

- To work collectively in creating a constellation of Rooms that coherently becomes inhabitated Gardens (cf. CODEX GARDENS and INVESTIGATION LEXICALE 5)
- 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, 1:3, 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, logistics diagrams, transportation strategies, material requirements, sources and sponsors
- Gardens, safe and stably constructed, 1:1
- A performative presentation of the intervention(s) on site
- Image constructions
- Blog posts and documentation
- Additional forms to be further agreed with the Studio Directors

SPRING WORKSHOP
19-23.04.22

A week to work collectively to prepare for the 1:1 construction phase in Gardens. Further details to be announced.

PROJET WEEK

20.06.22
DEBUT EXAMENS D'ETE

FIN EXAMENS D'ETE
09.07.22

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	25.04.22	02.05.22	09.05.22	16.05.22	30.05.22 - 31.05.22
18:30 @ RLC Forum Presentation SAT ALICE Y1 DIVERSITY OFFICE ENAC AGENDA ASAR COACHING 18:30 @ Ateliers	MEASURES Field Trip to Geneva Details to be seen with each Studio Director	MEASURES 18:30 @ SG1 Sessions @ Ateliers Projet en développement 19:00 @ BP4321/Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ	MEASURES 20:00 @ SG1 Sessions @ Ateliers Projet en développement	PROGRESS REVIEW 1 MEASURES 20:00 @ Ateliers	MEASURES ELEMENTS 20:00 @ SG1 Sessions @ Ateliers Projet en développement 19:00 @ BP4321/Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ	MEASURES ELEMENTS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	MEASURES ELEMENTS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	PROGRESS REVIEW 2 MEASURES ELEMENTS 20:00 @ Ateliers	MEASURES ELEMENTS PLANES 20:00 @ SG1 Sessions @ Ateliers Projet en développement 19:00 @ BP4321/Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ	MEASURES ELEMENTS PLANES 20:00 @ SG1 Sessions @ Ateliers Projet en développement	MEASURES ELEMENTS PLANES 20:00 @ SG1 Sessions @ Ateliers Projet en développement	PROGRESS REVIEW 3 MEASURES ELEMENTS PLANES 20:00 @ Ateliers SCAFFOLDING WORKSHOP	MEASURES ELEMENTS PLANES 20:00 @ Ateliers SCAFFOLDING WORKSHOP	MEASURES ELEMENTS PLANES ROOMS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	MEASURES ELEMENTS PLANES ROOMS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	MEASURES ELEMENTS PLANES ROOMS 20:00 @ SG1 Sessions @ Ateliers Projet en développement 19:00 @ BP4321/Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ	MEASURES ELEMENTS PLANES ROOMS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	PROGRESS REVIEW 4 MEASURES ELEMENTS PLANES ROOMS 20:00 @ Ateliers	MEASURES ELEMENTS PLANES ROOMS GARDENS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	MEASURES ELEMENTS PLANES ROOMS GARDENS 20:00 @ SG1 Sessions @ Ateliers Projet en développement 19:00 @ BP4321/Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ	PROGRESS REVIEW 5 MEASURES ELEMENTS PLANES ROOMS GARDENS 20:00 @ Ateliers	SPRING WORKSHOP 19-23.04.22 A week to work collectively to prepare for the 1:1 construction phase in Gardens. Further details to be announced.	MEASURES ELEMENTS PLANES ROOMS GARDENS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	PROGRESS REVIEW 6 MEASURES ELEMENTS PLANES ROOMS GARDENS 20:00 @ SG1 Sessions @ Ateliers Projet en développement	MEASURES ELEMENTS PLANES ROOMS GARDENS 20:00 @ SG1 Sessions @ Ateliers Projet en développement 19:00 @ BP4321/Zoom ID 62344575029 Meeting of Studio Délégués with TC+DZ	MEASURES ELEMENTS PLANES ROOMS GARDENS 20:00 @ Ateliers	(A)MENAGER FINAL REVIEWS
21.09.21 18:30 @ SG1 Sessions 20:00 @ Ateliers Lancement du projet	28.09.21 18:30 @ SG1 Sessions 20:00 @ Ateliers Projet en développement PIN-UP 1 OFFICE HOURS	05.10.21 18:30 @ Ateliers Projet en développement PIN-UP 2 OFFICE HOURS	12.10.21 18:30 @ Ateliers Projet en développement PIN-UP 3 OFFICE HOURS	19.10.21 18:30 @ Ateliers Projet en développement PIN-UP 4 OFFICE HOURS	26.10.21 18:30 @ Ateliers Projet en développement PIN-UP 5 OFFICE HOURS	02.11.21 18:30 @ Ateliers Projet en développement PIN-UP 6 OFFICE HOURS	09.11.21 18:30 @ Ateliers Projet en développement PIN-UP 7 OFFICE HOURS	16.11.21 18:30 @ Ateliers Projet en développement PIN-UP 8 OFFICE HOURS	23.11.21 18:30 @ Ateliers Projet en développement PIN-UP 9 OFFICE HOURS	30.11.21 18:30 @ Ateliers Projet en développement PIN-UP 10 OFFICE HOURS	07.12.21 18:30 @ Ateliers Projet en développement PIN-UP 11 OFFICE HOURS	14.12.21 18:30 @ location tbd Launch of the Scaffolding Workshop	21.12.21 time tbc @ Hall SG Conclusion of the Scaffolding Workshop	22.02.22 18:30 @ Ateliers Projet en développement PIN-UP 12 OFFICE HOURS	01.03.22 18:30 @ Ateliers Projet en développement PIN-UP 13 OFFICE HOURS	08.03.22 18:30 @ Ateliers Projet en développement PIN-UP 14 OFFICE HOURS	15.03.22 18:30 @ Ateliers Projet en développement PIN-UP 15 OFFICE HOURS	22.03.22 18:30 @ Ateliers Projet en développement PIN-UP 16 OFFICE HOURS	29.03.22 18:30 @ Ateliers Projet en développement PIN-UP 17 OFFICE HOURS	05.04.22 18:30 @ Ateliers Projet en développement PIN-UP 18 OFFICE HOURS	12.04.22 18:30 @ Ateliers Projet en développement PIN-UP 19 OFFICE HOURS	26.04.22 18:30 @ Ateliers Projet en développement PIN-UP 20 OFFICE HOURS	03.05.22 18:30 @ Ateliers Projet en développement PIN-UP 21 OFFICE HOURS	10.05.22 18:30 @ Ateliers Projet en développement PIN-UP 22 OFFICE HOURS	17.05.22 18:30 @ Ateliers Projet en développement PIN-UP 23 OFFICE HOURS	01.06.22 - 02.06.22

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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 (engagement 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
- Engagement
- Immersive quality

[ALICE] [BECOMING LÉMAN]

EPFL SECTION D'ARCHITECTURE

[Y1]

PREMIÈRE ANNÉE 2021 / 2022
SEMESTRES 1&2

RESONANCE

MEASURING GARDENS

MEASURES

«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

ELEMENTS

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

PLANES

«ON APPELLE «LIMITE» L'EXTRÉMITÉ 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

ROOMS

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

ROOMS is a 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 embededness, 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.

RESONANCE

GARDENS

«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.

PROTOFIGURE

How to draw with 400 hands? How to create a resonance between the bodily experiences of more than 200 people across the vast environment of the Rhône Genevois? How to link the scale of the body in movement with the scale of the territory?

The protofigure, including the Parc du Rhône and the Jardin de Nations is a set of lines that virtually connects a series of spaces. It is an experiential figure that first takes shape through its name, a new landscape environment and begins to draw a first physical experience of the urban landscape of the Parc du Rhône within its geographical context the Greater Geneva through walks, bike rides or other.

The protofigure is an active threshold for the citizens and aspiring architects to contribute to the first year studio of ALICE at EPFL. This threshold, proposed initially as a set of point and lines acts as a support. It provides a common ground to articulate the physical materiality of the sites, the experience of the contributors and the existing forces of the landscape. Partially located on existing axes, and extended across the landscape, the protofigure aims to engage transversal readings of place and possible transformations.

The lines, which we have called vectors, have been named after existing human environments, such as Evaux, Saint-Georges, Satigny, Pair, Croix-Rouge... They create a relationship between physical elements that have not been connected before. As vectors, they are purely virtual entities; however, through this first virtual gesture of connecting through imaginary lines, new potentials begin to emerge. And the physical reality does not remain unchanged.

The points, located every 12 metres, articulate the scale of the drawing with the moving body. Twelve metres is ten seconds of walking, three seconds of cycling, or the average width of a flat block. With a simple string, one can easily materialise the distance between the two points. Looking at the drawing, the points are presented as a hinge between what is presented and your own body in motion.

This protofigure offers an open set that coordinates all experiences, sensations, drawings and critical speculations; coordinating in the sense of making them evolve, creating communications, and therefore resonance. As a 'mental framework that allows the foot, hand and eye to move back and forth with the larger scale of the ALICE territory and community, the protofigure allows for the navigation between the encounter in physical reality and the students' latent imaginary lines and projects.

By maintaining pluralities and heterogeneity while allowing for communication and resonance, the protofigure is both a common reference system, and an articulation between the physical and the virtual, the individual and the collective. It acts as a common time and space, a threshold that "allows the construction of lines in the sky."

Robin Evans, "In Front of Lines that Leave Nothing Behind, Chamber Works," AA files, 6 (1984): 487.

[ALICE]

BECOMING LÉMAN

EPFL SECTION D'ARCHITECTURE PREMIÈRE ANNÉE 2021/2022 SEMESTRES 1&2

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http://alice.epfl.ch

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