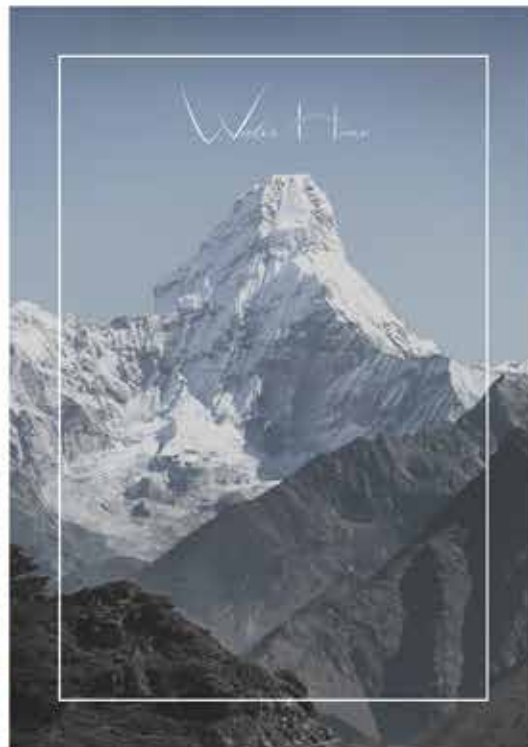




UNIVERSITÀ
DEGLI STUDI
FIRENZE
DIDA
DIPARTIMENTO DI
ARCHITETTURA

ENVIRONMENTAL DESIGN CLASS, prof. arch. Giuseppe Ridolfi



CREDIT #05 PROJECT BOOKLET



Contents

xxi	Introduzione
xxvii	1 Program Programma e Rapporto ambientale
xxviii	2 Concept Idea & Layout Optimizing
xxxi	3 Development Proposte architettoniche
xxxv	4 Detailing Studio e modello di dettaglio
xxxvii	Bibliografia sitografia



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OSPEDALE DI CAMPO



The aim of the final elaboration of the course is the creation of a synthetic publication where to collect and organize, in a narrative sequence, the results of the activities and exercises carried out in the semester.



Cover.
Booklet AA 2018-19

This page:
V. Ragnini, A. Rossi, C. Simoncini, A. Sparnacci, *Be Hour Hero - Padiglione Rifugio Go Pro*
A.A. 2018-19



What to do

This assignment concludes the series of exercises carried out in the semester and will constitute the basis for the final discussion.

For this final work, the development of all the material produced in the semester is required with the aim of communicating the idea and the architectural solutions in a synthetic and narrative form.

For this purpose, it is required to produce an explanatory booklet and a prototype models of a significant portion of the building system specifically referable to environmental aspects.

How to do

The booklet must be drawn up in such a way as to describe the design process starting from the first environmental and climatic analyzes, definition of the program, concept and design strategies up to the final representation of the project with in-depth analysis of the envelope system and the detail of one of its significant part.

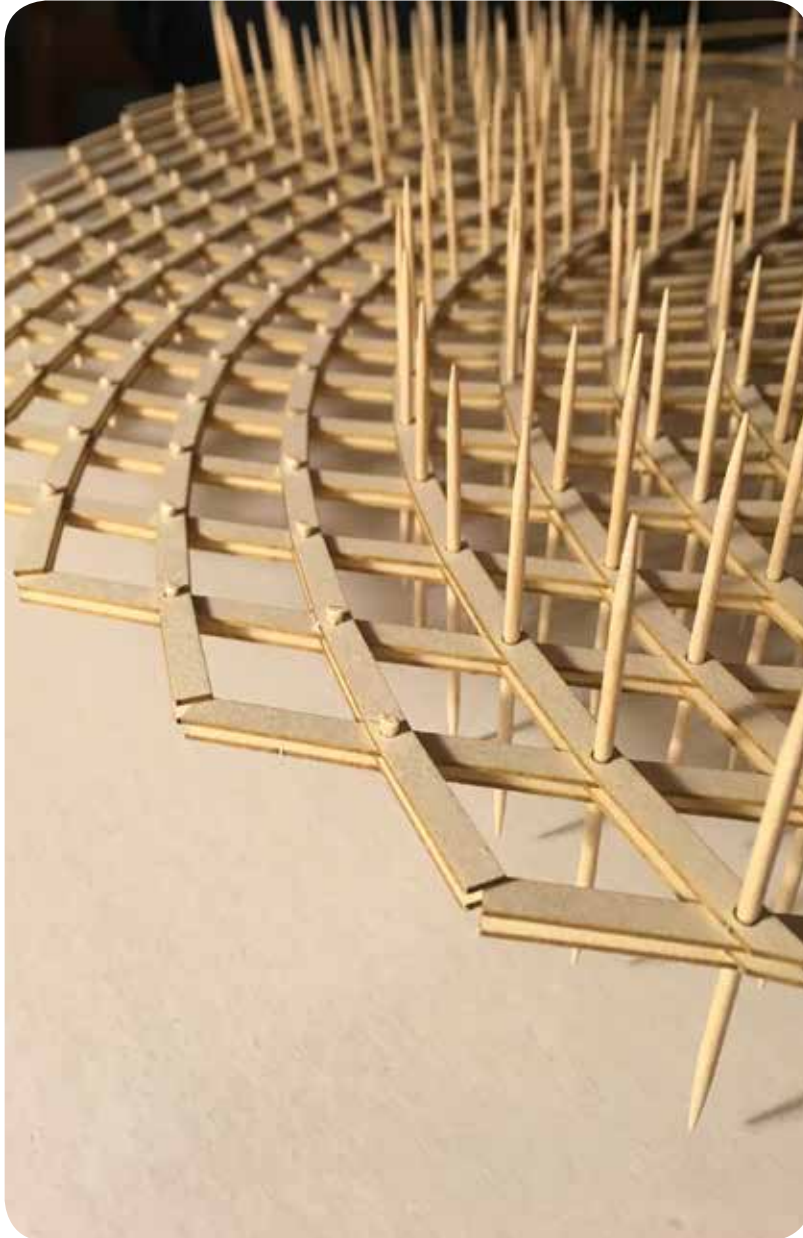
The narrative development will have to argue the reasons for the choices and the results of the simulations through which the evaluations were conducted. The description must be accompanied by images, explanatory captions and authors and sources of the reference images.

It is suggested to articulate the booklet in chapters and paragraphs following the succession of exercises carried out during the semester.

For the aforementioned articulation, the integration of the two didactic modules (technology + environmental control techniques and systems) will be required in order to give full evidence to the design choices and completeness of the final solution.

It is also required the creation of a study models aimed at explore the construction and assembly methods of a significant part of the envelope system. The detailed model must be made by assembling parts and constituent elements produced on the basis of a numerically controlled manufacturing and in any case with a reduced degree of tolerance. For this purpose, particular attention must be paid to the joining methods where the use of adhesives is strongly limited, remembering that the purpose will not be to emulate the real architectural object but to design, with the necessary relationships and reinterpretations, a product design "object" where the evaluation will be based on the quality of detail and formal elegance.

If the model concerns an adaptive robotic and / or parametric solution, it will be possible to request specific assistance from the Mailab University laboratory.



This page: Omar Hamed, Simone Pistillo, Tommaso Reggioli, Farid Sami,
Burning Man. The Temple. Roof detail A.A. 2018-19

What to produce and evaluation

- DETAIL MODEL in free scale to be sized in agreement with the the dimensions of the available materials, their workability and assembly operability. Different types of materials and finishes are allowed for this model.

For both models, suitable photographic documentation of the final result is required to be included in the BOOKLET and, optionally, photographic and / or video documentation of the assembly phases.

It is also the faculty of students to submit a communication video of the project which must comply with the following format: FullHD 1920x1080, .mov H.264 or alternatively .mpeg4

The evaluation of the final products will take into account not only the quality of the project, but also the clarity and methodological rigor of the design process with particular attention to the procedures for evaluating and choosing alternatives, originality and experimental nature of the solutions.

References

- Previous years Booklets

<https://issuu.com/mailab.biz/stacks/c68cd28bd2c7448989d-f0be36436cb01>

- Indesign master example & editorial rules

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