



Lisbon School of Architecture | Universidade de Lisboa
Academic Year 2020 | 2021
Integrated Master in Architecture
4th Year | Semester VII | Project Laboratory IV

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EXERCISE 02 SYLLABUS

TRAFARIA – South Expansion

Urban (Re)design of Trafaria

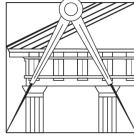
Phase 1: Preliminary Urban Study



Figure 1: Plan of Trafaria with marking of the intervention area.

1. Introduction

Continuing the intervention proposal carried out in the first exercise, the second exercise of the semester corresponds to the urban (re)design of the area defined in the Trafaria plan, with the absorption of pre-existing



buildings, namely the old military barracks, as well as relations with the green zone of the valley, which should be understood as a new and potential urban park

Throughout the development of the exercise, the work to be done in the Curricular Unit (CU) Urban Sociology will contribute to the analytical reading and the definition of the program to be implemented. The CU Geometric Modeling will accompany the phase of analysis and of urban proposal, reflecting its exercises in the framework of the CU Project Laboratory IV. The CU Theory of Place will frame the diagnostic phase of the intervention proposal, focusing one of its exercises as a support of the project.

In the 1st phase of the exercise - Preliminary Urban Study - the proposal should cover an area larger than that defined in the plan, seeking to reflect on the urban complex of the town of Trafaria. This phase begins with an **Analytical Reading** of Trafaria, advancing later to a **Preliminary Urban Design Proposal**.

The entire 1st phase of the exercise, Analytical Reading + Preliminary Urban Design Proposal, will be carried out in groups of 4 students.

The preparation time for this phase of the exercise is 4 weeks.

2. Objectives

2.1. Analytical Reading of Trafaria

The Analytical Reading should:

- a. Identify the various "construction times" of the urban fabric, in its settlement process.
- b. Identify the "morphological devices" and their relationship with the urban structure and form.
- c. Constitute the basis for the construction of a program of uses for the area of intervention, developed together with the CU Urban Sociology.

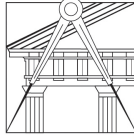
2.2. Preliminary Urban Design Proposal

The Preliminary Urban Design Proposal should:

- a. Define spatial, formal and circulation connections with the surrounding area, allowing specific interventions to reinforce them.
- b. Elaborate an intervention program, resulting from the framework defined by the existing municipal plans and above all by the work to be carried out within the scope of the CU Urban Sociology.
- c. Present a set of designed pieces (plans, profiles, perspectives, schemes, others) and models, with the explicit intentions of the new order and proposed relationships, namely the entire definition of the structure of public spaces and the urban park to be proposed.

3. Program

The program to be implemented in the intervention area should result from the findings of the analytical reading, and should constitute a quantification of the various uses and occupations previously considered by each work group.



4. Presentation

The presentation of the work must be carried out in a set of panels A1, arranged vertically, including the following elements (to be defined / selected by each group):

- . Plans (scales 1.5000 to 1.2000).
- . Sections (scales 1.5000 to 1.2000).
- . Virtual 3D Model.
- . Study Physical Model (scales 1.5000 to 1.2000).
- . Work process (Portfolio with all the elements collected and developed during the exercise).

5. Calendar

Start:	Class 08	October 26, 2020
Conclusion of 1st Phase of the Exercise:	Class 16	November 23, 2020
Presentations of 1st Phase of the Exercise:	Classes 16 and 17	November 23 and 25, 2020

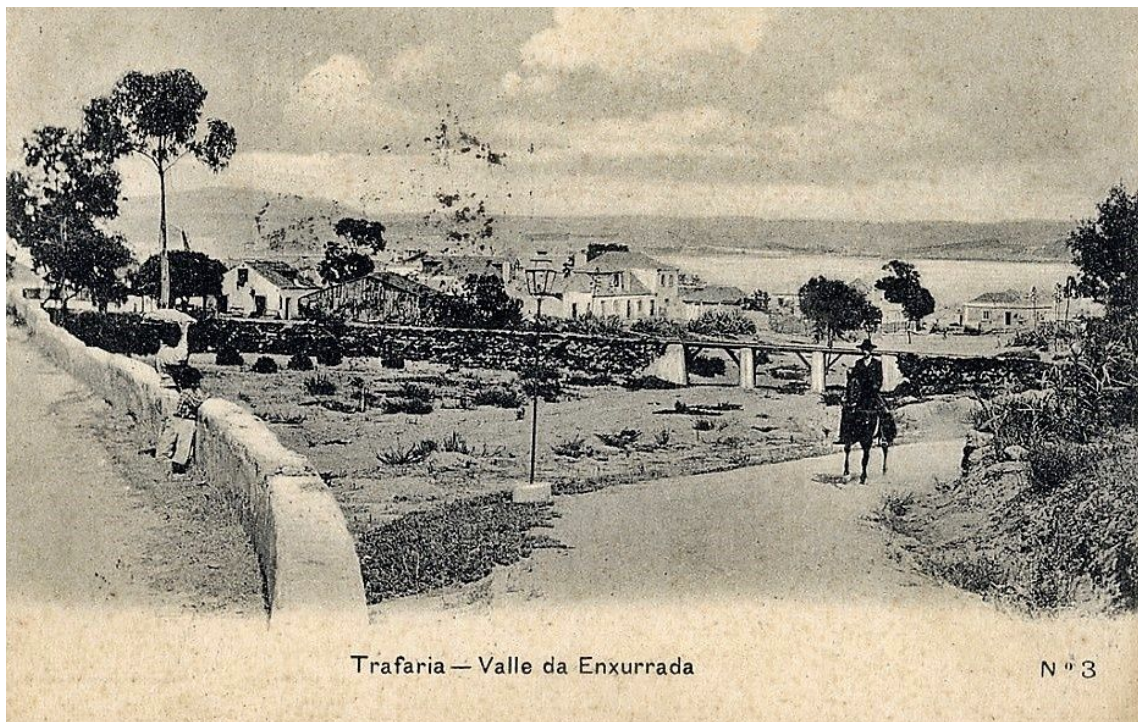


Figure 2: Image of Trafaria (Vale da Enxurrada), in the beginning of the 20th century.

FAUL, October 26, 2020