



Credit #01

Project Briefing, Program and Architectural references for Art Prison Design Competition





iCAD International Course on Architectural Design
Master Degree Course | 6 CFU

B018894 – Architecture and Environment Lab Class
B018896 – Environmental Design Teaching Module

Oswald Wenckebach, Monsieur Jacques,
1955; Mark di Suvero, Red K-piece, 1972
@ Entrance_of_Kroller-Muller_Museum



Project Briefing, Program and Architectural references for Art Prison Design Competition

Inside the construction process, programming and conceptual designing are the activities that starts architectural projects. In this phase client and designers work to define missions, visions, goals, functional requirements, available resources, constraints, opportunities and risks.

The resulting cognitive framework comes from two areas of inquiry: the Customers' needs and the Context of intervention or, in short, the Place as the mix of environmental aspects such as socio-economic, cultural, regulatory, and physical.

The architect's task is to gather these information, evaluate different aspects and alternatives and compose them in early design ideas



Cover page:
Oswald Wenckebach, Monsieur Jacques, 1955;
Mark di Suvero, Red K-piece, 1972
@ Entrance_of_Kröller_Müller_Museum

This page:
Tadao Ando The Chichu Art Museum
@ Benesse Art Site Naoshima

Next pages:
Robert Morris, Claudio Parmiggiani, Melencolia II
@ Fattoria Celle
Gerrit Rietveld, Sonsbeek Pavillion, 1955
@Kröller-Müller Museum, Otterlo
Ryue Nishizawa, Rei Naito, Teshima Art Museum, 2010,
@ Teshima Island
Krijn Giezen,
Kijk Uit Attention, 2005
@Kröller-Müller Museum,Otterlo

What to do

To carry out this exercise students, individually or in a group of two-three people, are required to develop a preliminary investigation, and to provide ideas and specific requirements to address the development of the Art Prison project located in Favignana (Sicily).

The proposal must follow Brief and Program as specified in the competition rules booklet (see <http://www.youngarchitectscompetitions.com/competition/art-prison>)

Considering the competition directions, the followings are the main Functional Destinations and characteristics of the project:

1. ART IN NATURE a 1,5-km route connecting the fortress as an “open air gallery”.
2. ART-SCAPE HOTEL a series of cabins modules overlooking the landscape and with a view of the sea and art works for a simple and environmental friendly stay in but extremely refined equipped with essential services and possible wellness services
3. ART-LUXURY HOTEL a luxurious and elegant accomodation of 3-5 suites equipped with every comfort in order to meet the standards of the wealthiest and most demanding visitors. It will also have to ensure an access with the helicopter
4. ART ATELIERS including 2/3 atelier apartments where artists can find relax, inspiration and spaces to do their artistic production.
5. CULTURE CENTER flexible spaces aim at aim at meeting the possible needs of Favignana’s community,.
6. FOOD a high-quality restaurant connecting refined cultural initiatives with a food and wine tour.

The above mentioned functions will be located inside the existent volume of the fortress and in the around landscape. In particular, functions #1 and 2 should be located in the landscape; functions #3, 4, and 5 must be located inside and/or in addition of the fortress observing the competition rules; function #6 should preferably be located in the fortress, but the construction of a new volume in the surrounding area may also be considered. For any other direction refer to the competition regulation and program.



How to do

The assignment should be developed covering four main activities: and articulated in the following steps.

A. Program and Visioning. Preliminary investigation and visioning in order to define main goals and project requirements.

1. project statement & mood board
2. space program
3. environmental indoor users' requirements (with specifications of thermal comfort using adaptive method)
4. functional & environmental clustering of the whole project and specific Functional Destinations
5. recommended passive design strategies

B. Place assessment and climate Report Analysis and evaluation of the contextual condition recognizing aspects of strength, weakness, opportunities, threats and mapping them as attributes that may influence or be influenced by the project.

1. three-dimensional model, sections and main view of the site
2. viewshed and points of interest
3. materials, traces, textures and palettes of the place and the built environment
4. physical, and regulatory constraints,
5. climate report indicating climate zone, coldest & and hot-test weeks
6. sun geometry
7. wind analysis
8. place assessment using layering inventory related to existing buildings and landscape

C. General organization and Passive Design Strategies. Project diagrams and design recommendations with particular reference to environmental sustainability .

1. action maps: space organization overlaying existing buildings and landscape integrated with explanatory ideograms of the design guidelines consistent with the results of the previous analysis
2. passive design strategies in relationship to the previous climate report (including morphological and technological recommendations; landscape mitigation based on wind analysis, solar geometry, and irradiation studies)

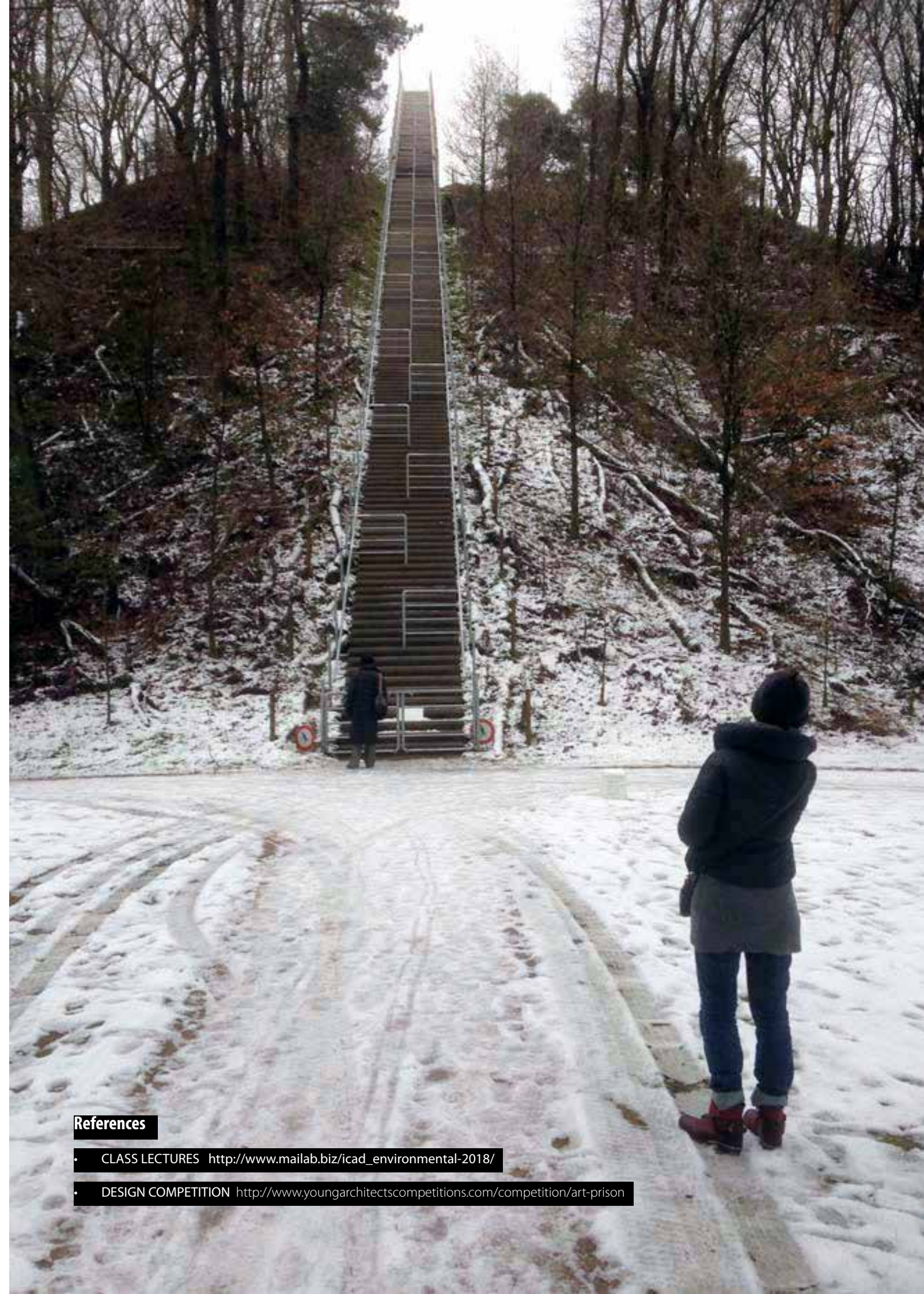
D. Preliminary Sketches & Conceptual Design. Report about architectural references, examples, preliminary sketches, and models

1. museum and architectural references integrated with comments and underlining aspects of interest
2. general sketches, views and study models to communicate formal wills and architectural masses organization
3. first selections of reference materials and finishings

Outcomes & Evaluation

Students are asked to submit 4 sheets in UNI A1 format (vertical pagination) according to the 4 sections and covering each steps described in previous paragraph

Evaluations will take place in the form of a pin-up poster presentation . and it will be subject to the joint grading of the three teaching modules



References

- CLASS LECTURES http://www.mailab.biz/icad_environmental-2018/
- DESIGN COMPETITION <http://www.youngarchitectscompetitions.com/competition/art-prison>



Arte Sella @Valsugana

Tadao Ando, Oval hotel
@ Benesse Art Site Naoshima

Neri&Hu Design and Research Office,
The Walled - Tsingpu Yangzhou Retreat,
2017