



5th European Biennial
of Landscape Architecture
Barcelona

Rosa Barba European Prize

5th EUROPEAN LANDSCAPE BIENNIAL OF BARCELONA INTERNATIONAL EXHIBITION OF LANDSCAPING SCHOOLS



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landscape architecture



UPC
Universitat Politècnica de
Barcelona

IL COZZO DELL'ALBERO - THE TREE'S HILL 1

students

Luca Alba, Tolomeo Calvo, Valeria Costantino, Giampaolo La Barbera, Lorenza Maiorana,

Manuela Raimondi, Karin Syed

teacher Nicoletta Carini

subject course

master 2nd level **ARCHITETTURA DEI GIARDINI E PROGETTAZIONE DEL PAESAGGIO**

professors P. Agnello, M. Aprile, F. Avella, M. Beccalì, M. Buffa, D. Costantino, C. Dazzi,

G. Fatta Del Bosco, A.J. Lima, E. Mauro, G. Napoli, T. Panzica, E. Sessa

academic year 2003/04

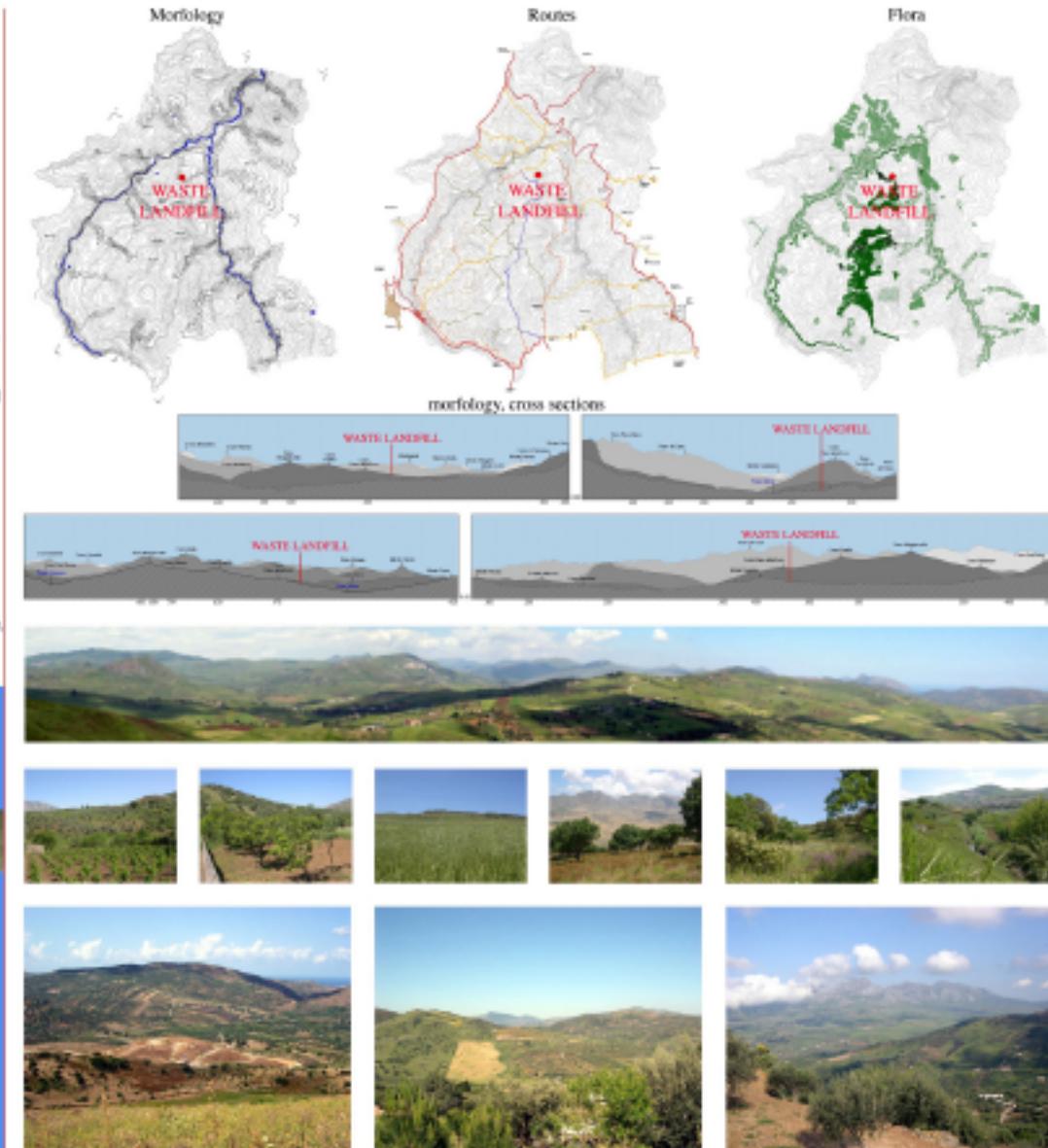
Department Storia e Progetto sull'Archistarctura - University of Palermo (Italy)

The environmental remediation design of an obsolete waste landfill, near Palermo (Italy).

Aims: to transform the landfill area damping ground with a landscape plan, though respecting the technical rules and the legal regulation; to identify the strategies necessary for the resource-waste to be active; to know the system of real and potential resources and to characterize to convey financial private sources into operations, though onerous for local government; to produce a plan that has a communicable and innovative method.

Hypothesis: changing the area with reference to the system of Cultural and Environmental Heritage (this hypothesis is confirmed by the knowledge of other area of Sicily, with the same morphologic and antropic shapes; by the proximity of naturalistic interest areas; by the orography of the place, marked by the two valleys of the Eleftrio and Milicia rivers); realization of two plants installations: one for the production of compost from organic waste and the other the treatment of inert materials; control of accessibility regarding the main regional viability both in the view to the recovery of raw material from the referential basin and of distribution of end products.

Design: realization of an artificial hill ("the tree's hill", borrowing the local toponym), through the moulding of the waste, so that it becomes the foot of a sculpture (a symbolic tree). The tree's hill is a step of a ridge path, that winds through farms, towers and farmhouses (sometimes already used for tourist purposes); it is linked to the local visibility



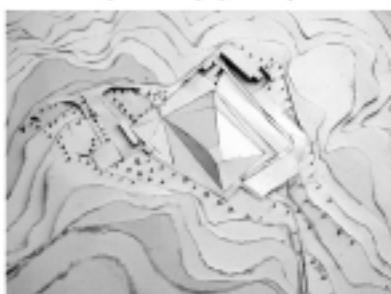
IL COZZO DELL'ALBERO - THE TREE'S HILL 2



the site plan and the project's maquette



plan - waste landfill and environmental remediation design



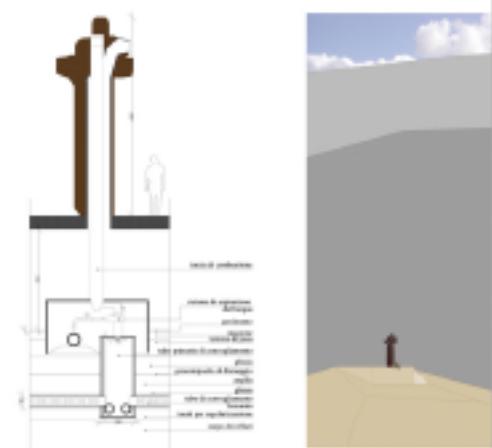
section aa - waste landfill and environmental remediation design
section bb - waste landfill and environmental remediation design



IL COZZO DELL'ALBERO - THE TREE'S HILL 3



the pipe system to collect the bio-gaz



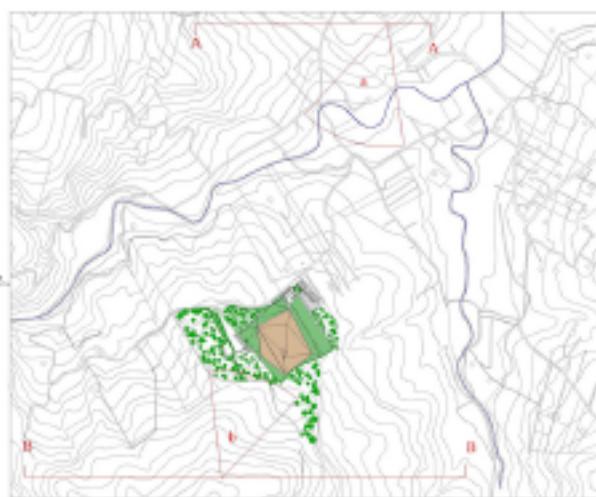
the roach to burn the bio-gaz
the new covering of the waste landfill



Abetone: *Pinus pinaster*, *Pinus sylvestris*,
Quercus pubescens NBL, *Quercus ilex* L.
Abitante: *Cistus* spp., *Cistogorgia monspeliensis*, *Erica arborea* L.,
Euphorbia dendroides, *Pistacia lentiscus*, *Spartium junceum*



Abetone: *Olea europaea* var. *fraxinifolia*, *Pinus sylvestris*
Abitante: *Cistogorgia monspeliensis*, *Cistus* spp.,
Erica arborea L., *Euphorbia dendroides* L.,
Pistacia lentiscus L., *Spartium junceum* L.



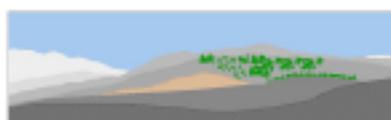
general plan, with the buildings and the flora



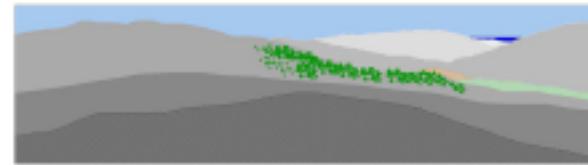
Abetone: *Pinus pinaster* L., *Pinus sylvestris* H.L.,
Pinus sylvestris Bergf., *Quercus pubescens* NBL,
Abitante: *Cistus* spp., *Spartium junceum* L.,
Cistogorgia monspeliensis Jacq., *Euphorbia dendroides* L.,
Erica arborea L., *Pistacia lentiscus* L.



Abitante: *Pistacia lentiscus* L., *Cistus* spp.,
Cistogorgia monspeliensis L., *Erica arborea* L.,
Euphorbia dendroides L., *Spartium junceum* L.



view A



view B

the waste landfill and the proposed modification



views (b and a) before and after the modification

LA ROCCA CHE PARLA - THE SINGING MOUNTAIN 1

Author: Riccardo Scattolon, Vincenzo Capasso, Pierino Di Luccio.

Role: Author, Researcher, Designer

Area: Modena/Catani, Sicily Catania

Subject: Visual, Architectural, Archaeological & Multidisciplinary Research

Keywords: P. Agnello, M. Antoni, F. Arduini, M. Barone, M. Belli, G. Cimmarosa, E. D'Oni,

R. Salvioli, S. S. T. Long, E. Mazzoni, R. Napoli, T. Romeo, E. Simeone

Academic year: 2013/2014

Supervisor: Riccardo Scattolon (Archaeology - University of Palermo Italy)

The environmental visualization design of an open-access quarry near Taggia Italy.

Later, reexamining the quarry, but set stronger a continuous "renaissance" technique to find formal and visual environments to give a place where there are not only the archaeological sites of Argos and Delphi, but also a model of land, called "Mountains' Cities".

By examining the characteristics of the Sicilian landscape characterized by a complex system of rivers, lacustrine marshes places for the territory and sea control, without remarkable differences related to the foundation period between VII century B.C. to XII century, the landscape is often dominated by "mountain". The capacity to "mountain" was not only the terrain and the river network on the top of the hill, but also the vegetation and finally, demonstrating problems related to big distances and extreme land gradients.

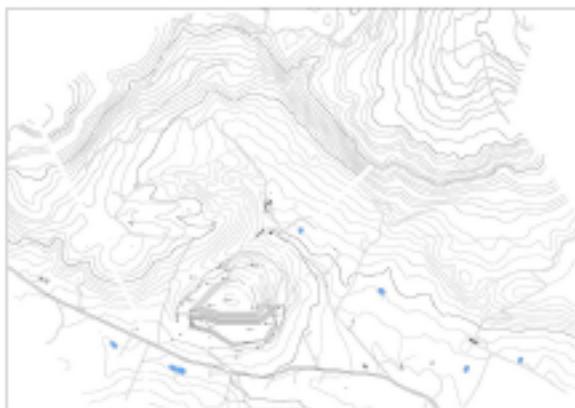
Design: Realization of systems for modern events with public services and a small wind plant, which can be used to generate energy for the local community, as well as for the first creation a New Life like music to create newness outside of the city. We have outlined the design and construction, we have defined a house, in its design and location, with a "shell" brick model, we have defined the features for performing arts. We can see there how an environmental project can merge fields of arts, while at long distance we can see a model of life based on a central feature, from the ancient buildings, with an alternative



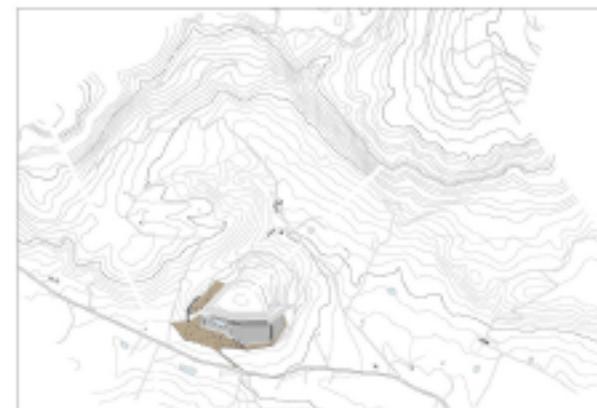
LA ROCCA CHE PARLA - THE SINGING MOUNTAIN 2



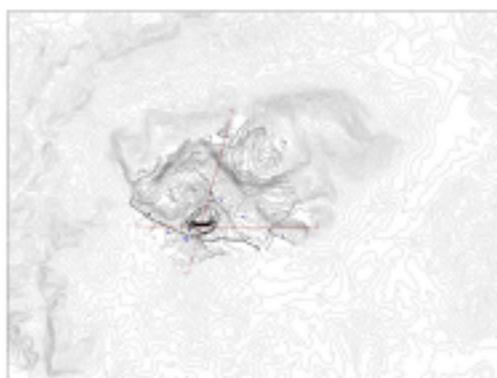
the stone typology (calcarenous)



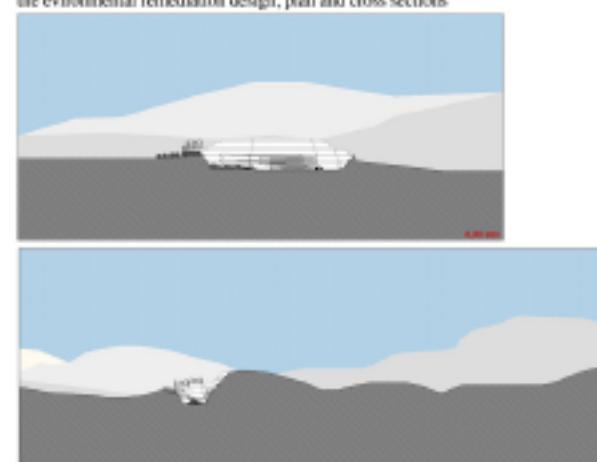
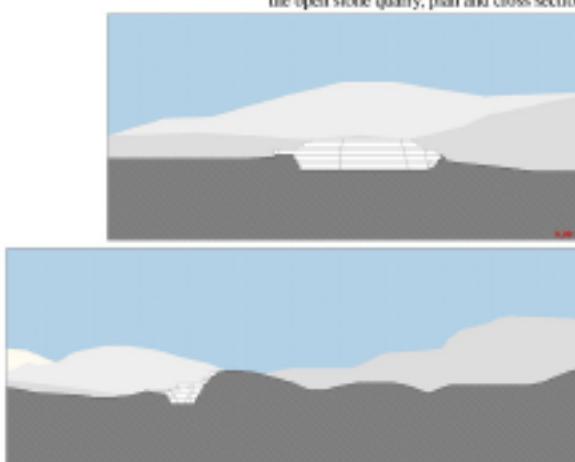
the open stone quarry, plan and cross sections



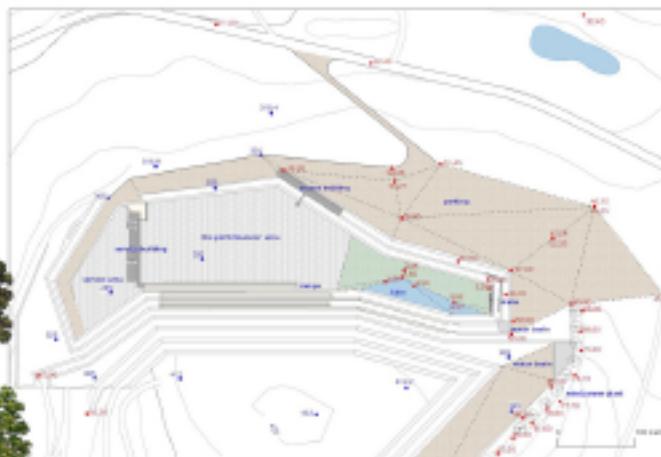
the environmental remediation design, plan and cross sections



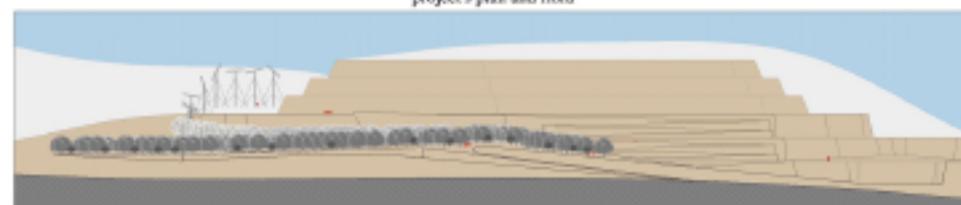
perspective cross section



LA ROCCA CHE PARLA - THE SINGING MOUNTAIN 3



project's plan and flora



view from the access route



interior perspective views

