

POLYTECHNIC OF TORINO
FACULTY OF ARCHITECTURE 1
Degree in Architecture
Honors theses

Materials and technologies for accessibility to the green spaces

by Collé Sonia

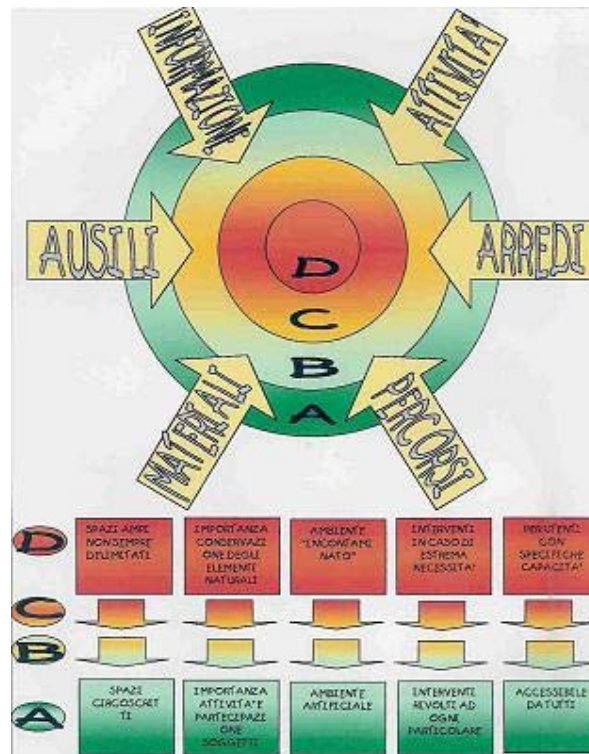
Tutors: Silvia Mantovani, Eugenia Monzeglio, L.Fantini

To plan green for all means to bring transformations in the territory optimised creating covered and activity to the capacity of a wide number of customers and revolts to the various requirements of the man.

Objective of this work is to formulate a practical instrument for the realization of accessible green trough:

- Analysis of the situation in parks and gardens open to the public
- Realization of cards containing elements and indications for the creation of accessible green spaces
- Production of a catalogue of the products in commerce for the accessible green.

The use of the various elements and the entities of participations in relation to the physical and historic characteristics of the site has been defined by the criterion to subdivide the types of green in fields characterized from a hierarchy of levels of accessibility in the green.



In the diagram, the zones marked from letters A, B, C and D differ for the type of intervention and the degree of produced accessibility.

The zone A, of "VERDE SPECIFICO", is constituted from spaces of new planning destined to the requirements of the community and their use from part of all.

In this case the concept of maximum accessibility is evidenced from the organization of spaces where it is possible to carry out activity in which the customer participates actively.

The zone B, named "VERDE SEMI NATURALE", classifies all those areas of existing green in which accessible thematic paths are realized.

The territory is anthropised, with natural atmosphere characteristics that deserve of being maintained such. In this case a high degree of accessibility is searched maintaining intact the peculiar characteristics of the place.

The Zone c, named "VERDE FACILITATO", it is characterized from a territory whose paths have been partially modified with the aim to eliminate all those elements that could constitute one architectural feature that denies access to the handicapped: conserves its natural characteristics but introduces also elements of the relative signs to the human presence. Sometimes are areas rendered accessible to allow some particular interests (birdwatching, ippotherapy, peach).

Also not being a specific reference to the use from part of people with handicap, thanks to some sagacities realized in perfect tuning with the context, they are lacking in obstacles and easy to be covered from anyone.

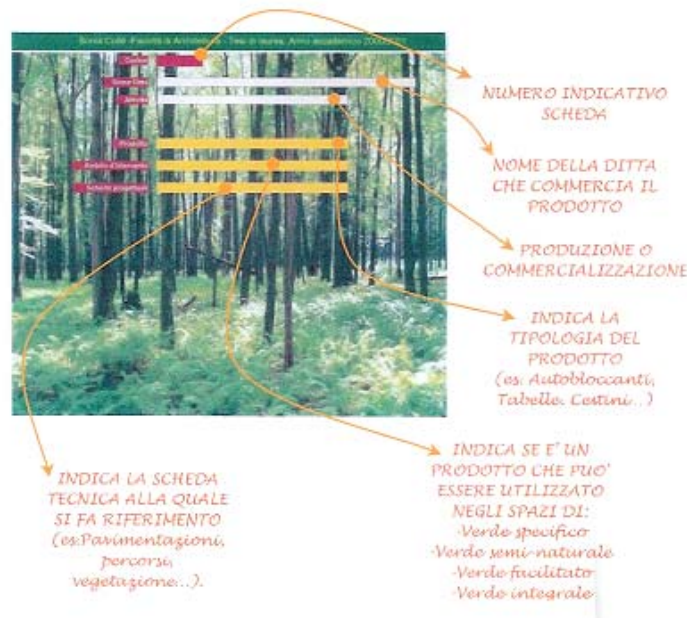
The zone d, called “VERDE INTEGRALE”, introduces following characteristic: fundamentally integral natural territory that deserves absolute conservation, admired from the man for its wild character. It is necessary to avoid whichever alteration of the atmosphere, but eventual participations it limits to you and necessary. It is a space apparently uncontaminated, in which they will be the customers to decide on the possibility (also in relation to the subjective abilities) to cover of the routes.

The successive phase is turned to the definition of the elements of project and the relative indications to the elements of plan and infrastructures whose acquaintance is indispensable in the moment in which a planner she is found of forehead to the realization of green for all. Beyond to the characteristics of the distances, there are information for the planning turned to not seeing, for the overcoming of unevenness, relative to the use of the vegetation, on infrastructures, on the elements of furnishings, the aid and the norm.

Finally, he is indispensable to know which are the useful products in commerce in the accessible green. To such care, it has been carried out a search and a relative collection of data to their characteristics and the companies that produce them in order then to classify them in a date base and to collect them in a cd-rom.

The organization to the inside of this instrument is intentionally much simple one, in order to allow anyone to know of the content without difficulty.

They are brought back of the facsimile of the contained cards in the cd-rom with the respective descriptions.



Card of search: it offers the possibility to try the products

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Prodotto	Consolidamento dei terreni
Ambito d'intervento	Verde specifico Verde seminaturale Verde facilitato
Schede progettuali	Pavimentazioni
Caratteristiche tecniche	La possibilità di utilizzare lo stesso terreno presente in sito, migliorandolo e stabilizzandolo per opere di fondazione stradali o per pavimentazioni a vista in terra naturale, ha consentito la crescita e lo sviluppo di questa particolare tecnologia, frutto di ricerche e continui test. Terreni che solitamente vengono considerati scadenti da un punto di vista geotecnico (argille organiche, argille limose, torbe e terreni organici) e che in genere vengono associati a
Commento	ottimale ove si vuole mantenere l'aspetto naturale inalterato
Immagini	
Schede disegno	

Card of the product: result of the search, indicates the relative information to a specific product: each card supplies: name and generality of the company that trades the technical product, data, comment, images and eventual designs.

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