"Landscape architecture is the design of outdoor public areas, landmarks, and structures to achieve environmental, social-behavioral, or aesthetic outcomes" -- Wikipedia

The Scope of Landscape Architecture: From rural to urban, From Nature to City

Resources
KEY PROBLEM

Problem: We were not able to develop a contemporary design language in landscape architecture by always sticking with the same standardized planning strategies.

Since the decline of the influence of Modernism on style, landscape architecture had been lacking any avant-garde stimulus from which it could evolve its own expressive force. Instead, a persistent, impersonal academicism was spreading. That's why we had to develop new aesthetics in landscape architecture in order get the people emotionally connected with their living environment again.

Resources
http://media-cache-ec0.pinterest.com/originals/07/95/75/079575f8b7e0f2304a8d5b9da9f4b73.jpg
Landscape Architecture and Visual Art: The American landscape architects Martha Schwartz and Peter Walker have fuelled the discussion on the relationship between landscape architecture and visual art in a way which has been unparalleled in recent years.

An VISUAL ART From Pop, Baroque, and Minimalism applied to landscape Architecture - EXPRESSIONAL ART

Resources
KEY PROBLEM

CONFLICT

Expressional Art is limited as a tool to solve a problem, also it's less connected to nature.

New Aesthetic -- more closed to nature -- not only expressional art but also experiential. -- LAND ART
What can landscape architecture learn from land art? How to apply it to a public space as an experiential art? What’s the difference and common point between land art and landscape architecture? How land art and landscape architecture, these two practices consider our environment?
Landscape architects are landscape artists.
United States

Germany

Land Art is the name given to an art movement which emerged in America in the late sixties in which landscape and the work of art are inextricably linked.

The German Nature Art was coined to describe ecologically orientated art which, working principally with natural materials, emerged in connection with the growing ecological awareness that existed in Europe in early seventies.

Origin:

Land Art is the name given to an art movement which emerged in America in the late sixties in which landscape and the work of art are inextricably linked.

Sculptures are not placed in the landscape, rather the landscape is the very means of their creation. Most land art works are located well away from civilisation, for example in canyons or deserts, and form a record of human presence only when seen from the air.

Resources

https://landartresources.files.wordpress.com/2012/03/image-8.png
Most of land art works are located well away from civilisation, for example in canyons or deserts, and form a record of human presence only when seen from the air, or in gallery.
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The Lightning Field
Walter De Maria
New Mexico
1970s
Art / Earthwork
Area 1 mile*1 km
height 6.19 m
The land is not the setting for the work but a part of the work

Sun Tunnels
Nancy Holt
Utah, US
1974
Art / Sculpture
4 Concrete tubes exterior 2.80 m
Bring the vast space to the desert back to human scale.

Star Axis
Charles Ross
New Mexico
1968
Architecture / Art / Sculpture
60-metre long staircase oriented on the earth’s axis
A place where the sky touches the land.

Time Landscape
Alan Sonfist
New York
1977
Landscape Architecture
14 * 61 m
Within the city, public monuments should recapture and revitalize the history of the environment natural to that location.

**LITERATURE REVIEW**

Land Art: Work with time work with earth, **Minimalism** (Space as Sculpture) + **Romantic** (Freedom + Creativity) + **Transience** (Time + Experience)
Influence of Land Art on Landscape:

1. Return to concentration on the essential in a rejection of the verbose designs of the consumer society in terms of language and use of material: **Minimal Art**. Endeavoring to achieve expressive simplicity is still today a central concern for many outstanding artists and landscape architects and characterizes their work.

2. The second influential feature of Land Art, the **transience** of its works, was certainly the aspect most likely to initiate fierce controversy in a society intent on acquiring, multiplying and safeguarding material possessions.

3. The **romantic** component of Land Art and Art in Nature, was in the 1990s of particular relevance. The creation of a place of meaning and the heightening of perceptibility was not possible without the revival of certain romantic elements.
Let human beings experience the landscape in a really different way, starting from the change of the idea boundaries of a landscape.

Nature
As the material

Aesthetic:

Efficiency
Modern Landscape Architecture

Romantic: Freedom and Creativity
Transience: Time and Experience

Urban Context
DESIGN APPLICATION

The site is in downtown area of Atlanta, GA. It’s a part of Beltline on eastern side, working with Beltline proposed plans. It’s gateway to Piedmont Park.
2013 population 447,841

Primary Transportation hub of Southseastern United States

ranking 45th among world cities and eighth in the nation with a gross domestic product of $270 billion.
Beltline

A former railway corridor around the core of Atlanta, Georgia under development in stages as a multi-use trail. Some portions are already complete.
Experience of Beltline

Regular: the program along the street

Beltline: Loop the program and adapt to site.

The experience is continuous. Different transit.
HISTORY OF PIEDMONT PARK

from forest to farm then to a fairground and suburban park, and finally to the urban park.
Experience of Piedmont Park

- INTERACTIVE FOUNTAIN
- WELCOME CENTER
- COMMUNITY GARDEN
- THE MEADOW
- OAK HILL
- DOG PARK
- WETLAND
- TENNIS COURT
- DRIBING CLUB
- BOTANICAL GARDEN
- BOCCE COURT
- BASEBALL COURT
- PLAYGROUND
- FRONT LAWN
- DOCKSIDE
- AQUATIC CENTER
- GAZEBO
- PLAYGROUND
- MIXED-USE FIELD
- GRAND ARBOR

Categories:
- Basic
- Entertainment
- Event
- Exercise
- Education
Users: who experience?

As a part of Beltline, a gateway to Piedmont Park, the field under Park Drive Bridge has great opportuniy to improve.
Purpose: commute
Purpose: exercise
Purpose: social
Purpose: shopping
Peachtree Street is the main street of Atlanta. Beginning at Five Points in Downtown Atlanta, it runs north through Mid-town; Much of the city’s historic and noteworthy architecture is located along the street,
On Park Drive Bridge

- Bridge as gateway and entrance
- Atlanta skyline -- view on bridge
- Community Garden
- Beltline and trail
On Park Drive Bridge

bridge as gateway and entrance
Atlanta skyline -- view on bridge
Community Garden
Beltline and trail

Under Park Drive Bridge

Beltline across bridge
slope of the field under the bridge
structure of the bridge
SITE ANALYSIS

CIRCULATION
Beltline is beneath the bridge

TOPOGRAPHY AND HYDROLOGY
depth slope and creek

EXISTING TREES
SITE MAIN OBJECTS
Park Drive Bridge as the main entrance from residential area to Piedmont Park, is vertical with Beltline, but not on the same plane.
SITE TRAJECTORIES

There is no direct way from Beltline to Piedmont Park or even Park Drive Bridge.

Staiway as the main route from Park bridge to the underground.
Gateway from residential area to Piedmont Park
Gate to Piedmont dog park
Intersection
SITE TOPOGRAPHY
Deep slope under the bridge.
Almost flat under the arch.
creek due to the rainfall
large dog park and community garden.
CONCEPT

+3 Park Drive Bridge

+2 Beltline trail

+1 Piedmont Park trail

+0 Piedmont Dog Park
+3 Park Drive Bridge
+2 Beltline trail
+1 1/2 Deck
+1 Piedmont Park trail
+0 Piedmont Dog Park
**OBJECTIVE**

At the location of intersection of Park Drive Bridge and Beltline, the site provides a unique opportunity for an area specific integration. The objective of this project is to create a space that provide people different experience in different season by making use of the plant value. Additionally, connectivity from neighborhoods to downtown Atlanta will be increased.
DECK DESIGN

basic shape
slope for bicycle pathway
less than 5%
Bicycle pathway
create different space for people to have different view
create different space for people to have different view
entrance for bicycle parking
entrance for bicycle parking
Trail in Piedmont Park

Beltline

Park Drive Bridge

Trail in Piedmont Park

Terrace

Beltline

Existing

Make a connection

Plant trees on slope

Build a terrace
Tree as SCULPTURE
**SPACE and TIME are the framework within which the mind is constrained to construct its EXPERIENCE of reality.**

Time: How long will people stay on this deck? And, different season will bring different view.
Space: Where people stand or sit?
DURATION

Cyclists: 30 second to 1 minute       |      Pedestrians: 2 minutes to 3 minutes       |      standing: Unknow
VISUAL EXPERIENCE

Cyclists: | Pedestrians | standing
EXPERIENCE

Cyclists

Pedestrians

Sitting on bench

Standing on terrace
**PLANT SELECTION**

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>SUN / SHADE</th>
<th>WET / DRY</th>
<th>HEIGHT</th>
<th>SPECIAL</th>
<th>PLANT SELECTION</th>
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<tbody>
<tr>
<td>Grasses and Sedges</td>
<td>Partial shade - full sun</td>
<td>Full dry - partial wet</td>
<td>6 inch to 4 feet</td>
<td>Perennial borders</td>
<td>Lopsided Indian Grass / Sorghastrum secundum</td>
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<tr>
<td>Grasses and Sedges</td>
<td>Full shade - Partial shade</td>
<td>Partial wet - full wet</td>
<td>0 to 1 feet</td>
<td>Attractive</td>
<td>Cherokee Sedge Grass / Carex cherokeensis</td>
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<tr>
<td>Shrub and small trees</td>
<td>Full shade - Partial shade</td>
<td>Partial wet - full wet</td>
<td>5 - 15 feet</td>
<td>Attractive in shady</td>
<td>Fetterbush or Pipestem / Agarista populifolia</td>
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<tr>
<td>Small trees</td>
<td>Partial shade - full sun</td>
<td>Full dry - partial wet</td>
<td>10 - 20 feet</td>
<td>Not invasive</td>
<td>Kousa Dogwood / Cornus kousa</td>
</tr>
<tr>
<td>Medium trees</td>
<td>Partial shade - full sun</td>
<td>Full dry - partial wet</td>
<td>20 - 30 feet</td>
<td>Native</td>
<td>Carolina Silverbell / Halesia tetraptera</td>
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<tr>
<td>SEASON</td>
<td>CYCLISTS</td>
<td>PEDESTRIANS</td>
<td>ON BENCH</td>
<td>ON TERRACE</td>
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