

# IFLA-APR LA AWARDS 2023

Award Categories – Parkes and Open Space

## Project Binder for Wuhan Changjiang Center Landscape Design

**Project Name:** Wuhan Changjiang Center Landscape Design

**Project Address:** Linjiang Dadao, Wuchang District, Wuhan City, Hubei Province

**City & Country:** Wuhan City ,China

**Area(sq.m):** 9,153 square meters

**Project Category:** Parkes and Open Space

## PROJECT STATEMENT:

Wuhan, known as the third largest technological and education center in China now home to over 8 million people, which also serves as the dominant transportation hub in Central China and holds the distinguished role of capital of Hubei Province. Set along the Wuchang River in Wuhan City Changjiang Center project belongs to the corridor along the east-west axis of the river. The new mixed-use development is a complex that includes office, residential, and retail elements, and streetscapes, courtyards with innovative stormwater management strategies implemented throughout. These spaces afford visitors, office building employees, and residents a pleasurable outdoor experience in all seasons.

## DESIGN SPECIFICATION:

The Changjiang Center Exhibition part is designed to promote public use of the open space within the overall mix-use development. The surrounding streetscape includes wide sidewalk promenades bordered by rows of shade trees, large planting beds filled with mixed perennials, low shrubs, and flowering trees, and a series of architectural planters filled with colorful seasonal plantings.

## WATER FEATURE

The front open plaza is anchored by a water feature that expresses the intersection of the concept that “stone laying along the water” . This water feature functions as part of the larger stormwater management system that collects rainwater that falls within the property. The water then drains through a stormwater filter to a cistern located below the courtyard. This water is continuously recirculated and treated by the water feature that includes aquatic plantings, which offer supplemental filtration. The stored water is also used to provide all irrigation for the courtyard plantings throughout the growing seasons.

The water curtain wall of the sunken water courtyard cannot divert water from the first floor to the negative floor. During construction, the details of the water curtain wall are combined with lighting to create a water curtain effect. The technique realizes the linkage in space, which is unique.

## PAVEMENT

The paving part basically adopts the design of splicing and jumping colors. Four to five kinds of granite stones of different specifications or surfaces are combined and spliced. Through multiple rounds of splicing and comparison, at the same time, the construction details are carefully controlled to ensure that each piece of stone The precise positioning creates a harmonious and unified pavement effect that contains changes.

## FACADE

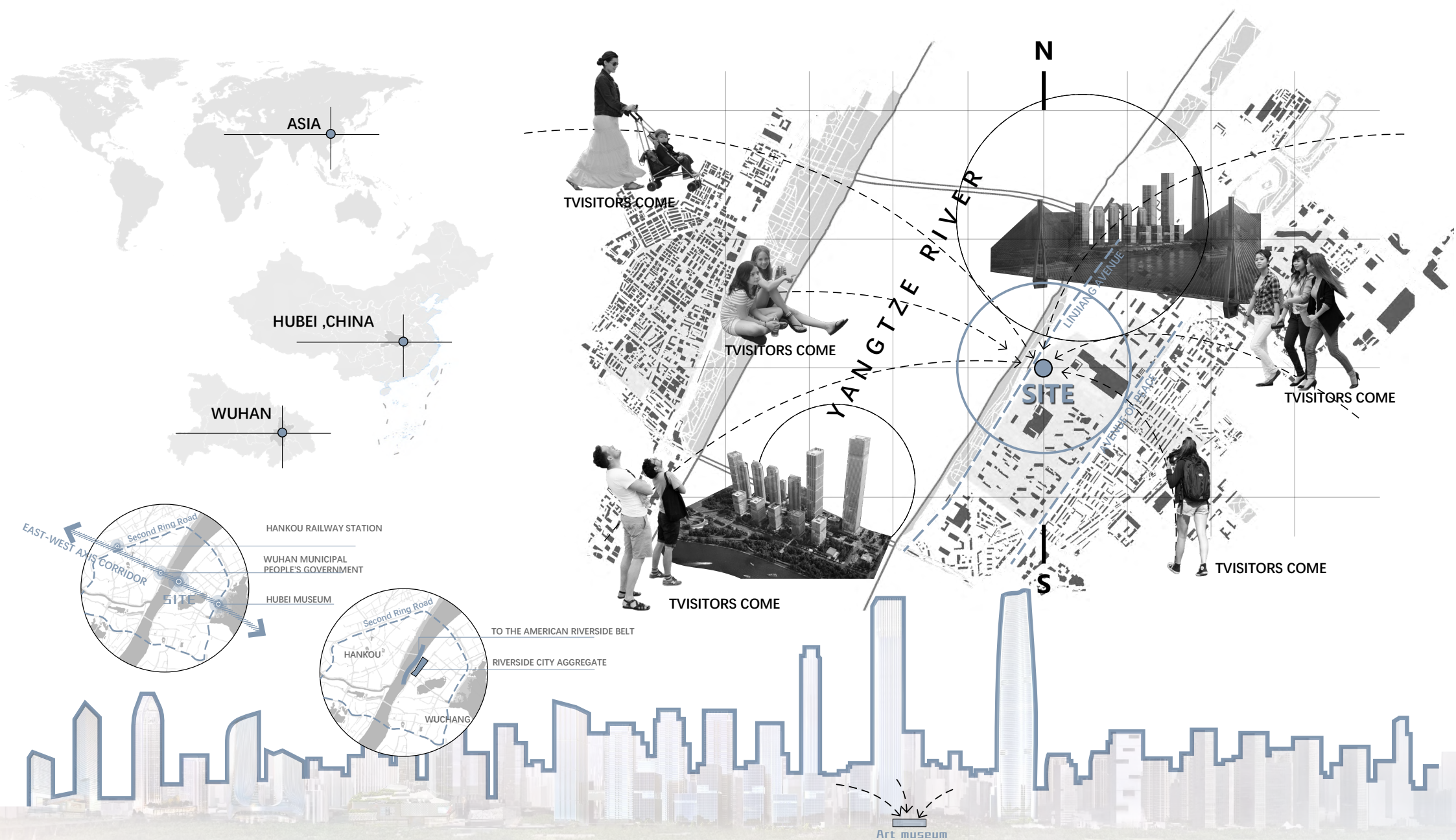
The complex texture of the landscape wall needs to be typeset in advance according to the texture distribution. When the construction drawing is refined, the large sample needs to be clarified. After the overall processing, the construction can be arranged according to the number on site to ensure the final landing and controllability of the drawing. The landscape wall adopts the form of a lighter steel structure + jazz white marble dry hanging, and the final effect is lighter.

## PLANTS

The front space of the building creates the first interface connecting with the city. The plant design is simple and capable, and less is more. The floating steps and the plant space are used to blend to weaken the rigidity of building materials and create a design concept of a growing city.

## BACKYARD PLANT SPACE

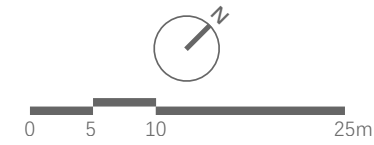
Even in a modern and simple urban space, the place to live still needs romance. The creation of a backyard garden-style space is a response to life. The rational choice and continuous experimentation of each plant is a necessary formula for the formation of romance, at the moment when a person enters, all the good things come together.



## 01. Project Background

The project is located in the center of the east-west central axis corridor along the riverside business District of Wuchang District, Wuhan. In the early stage, it was used as the demonstration area of the large-scale project integrating high-rise commercial offices, apartments and residences. Later as the city art exhibition hall. The construction of this project will open a new chapter in the development of the entire Wuchang River basin.





## 02. Master Plan

The landscape scheme takes "stone by the river" as the design element, and uses the techniques of cutting, pushing and scaling to create, focusing on presenting a museum full of artistic style. The minimalism of the design means that the construction requires more details and techniques, and the good landing presentation makes the perception of art more direct and pure.

- A** Pedestrian entrance
- B** Sentry booth
- C** View wall
- D** Underground garage entrance
- E** Suspended tree pond
- F** Welcome guest bridge
- G** Mirror-like waterscape
- H** The verbena flower sea
- I** Sunken courtyard
- J** Leisure garden
- K** Landscape corridor
- L** Cantilevered flower beds





### 03. Art Museum above River City

The project is located within the planning scope of "One kilometer from the Yangtze River to the United States", representing the city's landmark under the magnificent sky above the golden Right Bank of Wuhan;  
It embodies the spirit of naturalism about Wuhan. It is on the river city, living near the water and resting on the water.





## 04.The artistic form of architecture

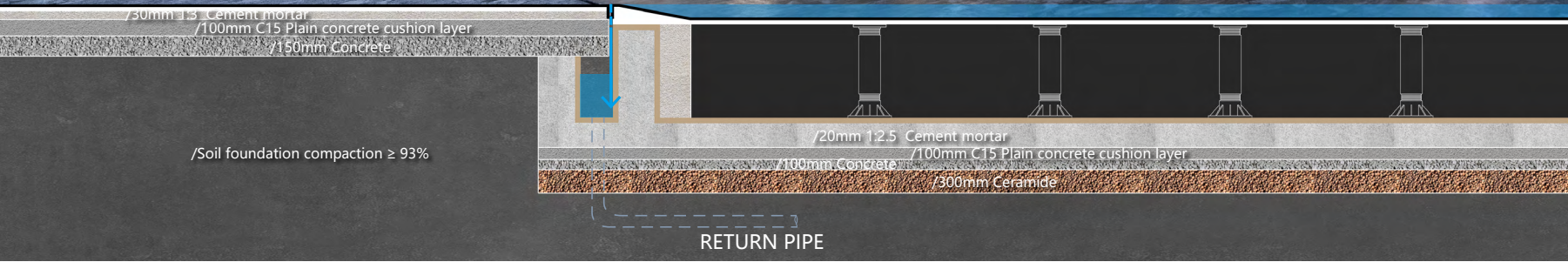
The geometric blocks of the building are square but full of changes. The overhanging, overlapping and staggered spatial structure of "stones" is taken, and the eaves are made according to the golden ratio to form the geometric entrance space, showing the most natural ecological artistic style.





## 05. Mirror water

The calm water foil the ethereal architecture, in the complex life, we find that belongs to our most simple and pure mood, life everywhere is art.







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## 06. Aerial view of Entrance

"Less is more." Technology and art are unified, and the combination of materials and construction techniques is used to achieve accurate and perfect artistic effects.





## 07. Art paving

Smooth linear lines highlight the clean and concise design, splicing color-jumping pavement design, a variety of different specifications or surface layers of granite stone combination splicing, the precise placement of stone, to create a harmonious and unified landscape effect containing changes.

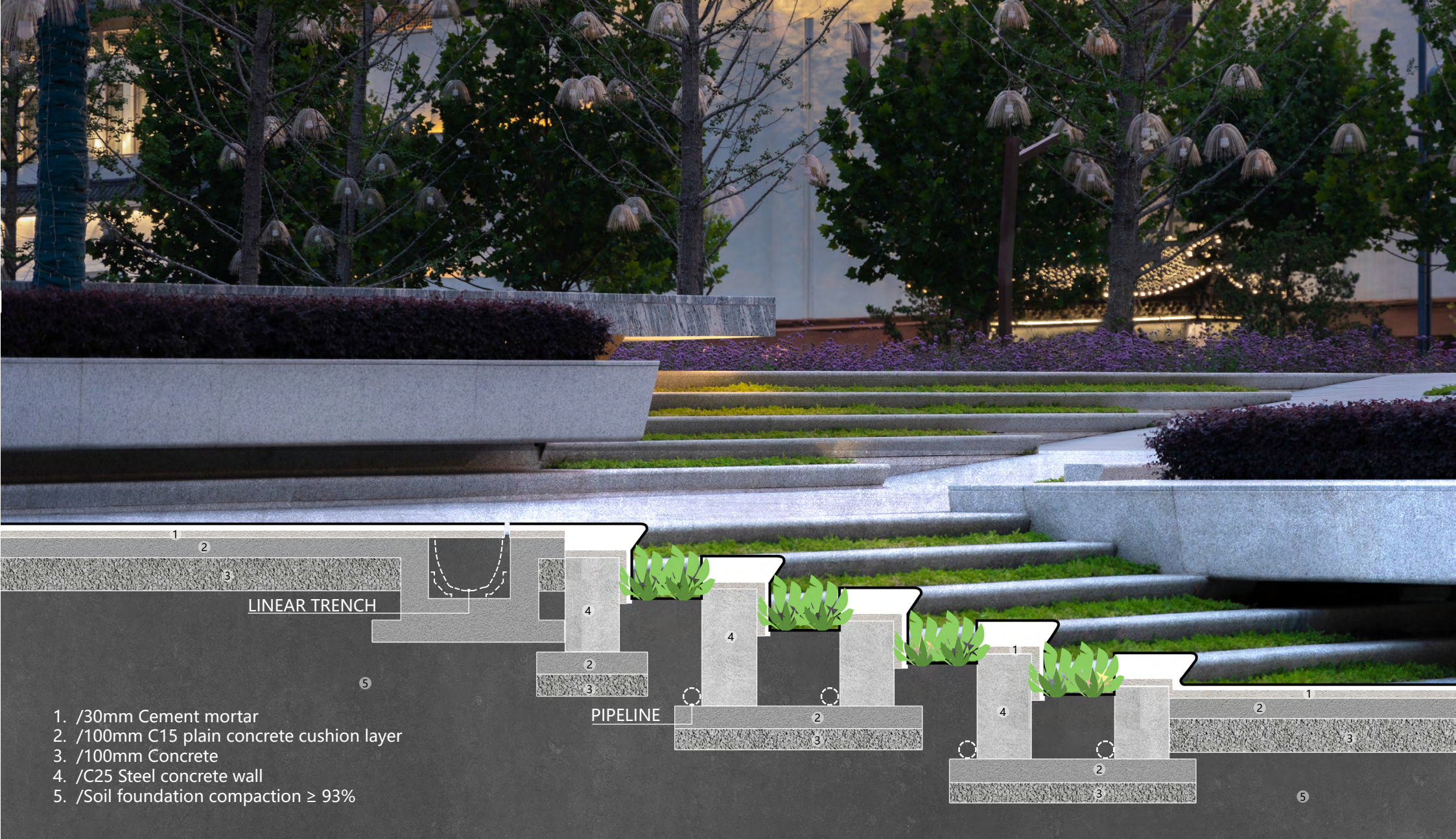




## 08.A growing flower pond

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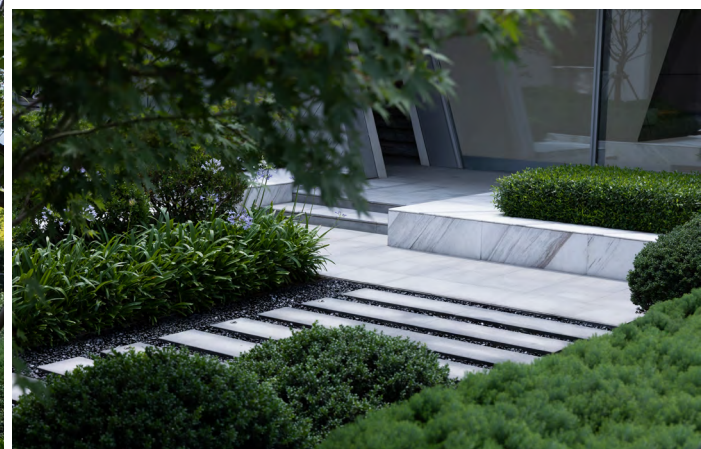




## 09. Quiet garden

Even in the modern and simple urban space, the living place still needs romance, to create a pure space under the forest, to guide the free and relaxed form of life, in the moment people enter, all the good achievements of each other.





## 10. Plant vitality

The garden-like space should be a world composed of full vitality and colors. The traditional plastic hedge space is too calm, while the full-shaped cypress and white lotus highlight the romantic atmosphere of the lower space, and also block the defects of construction.





## 11. Plant vitality

In the semi-indoor space, perennial ground cover plants are used to plant in multiple layers to improve green quantity. Meanwhile, drainage system is constructed to form a layout water circulation system.