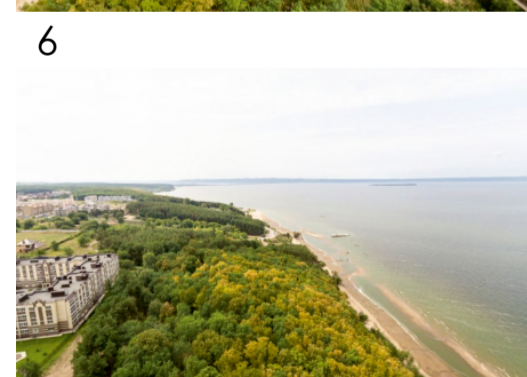
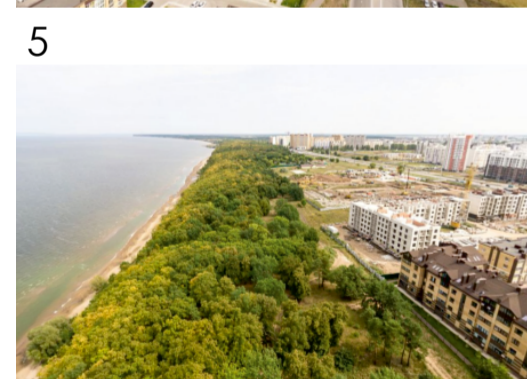
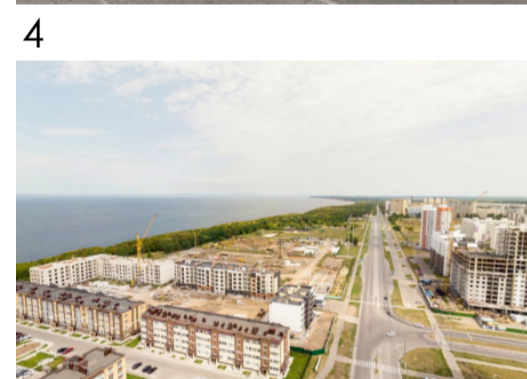
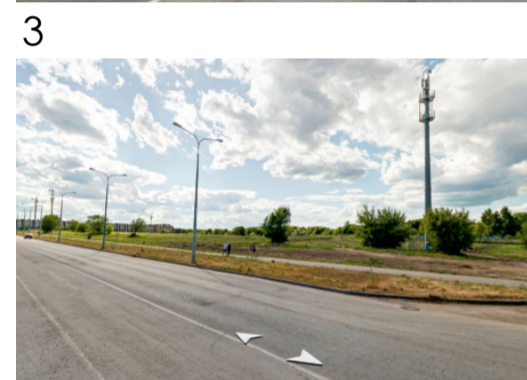


# The concept of the park development in Ulyanovsk

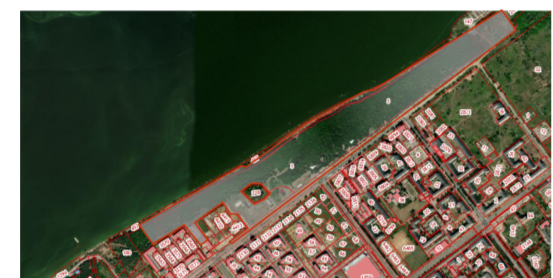


# The concept of the park development in Ulyanovsk

## 1 Photofixation



## Cadastral map

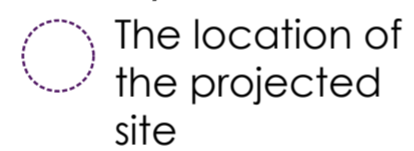


Cadastral number:  
73:24:021015:3  
S = 432 690 m<sup>2</sup>  
Address:  
Ulyanovsk region,  
the city of Ulyanovsk,  
Zavolzhsy district,  
44 general Tyulenev  
avenue

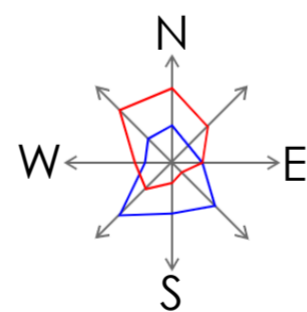
## Situation map



### Symbols:



The projected site



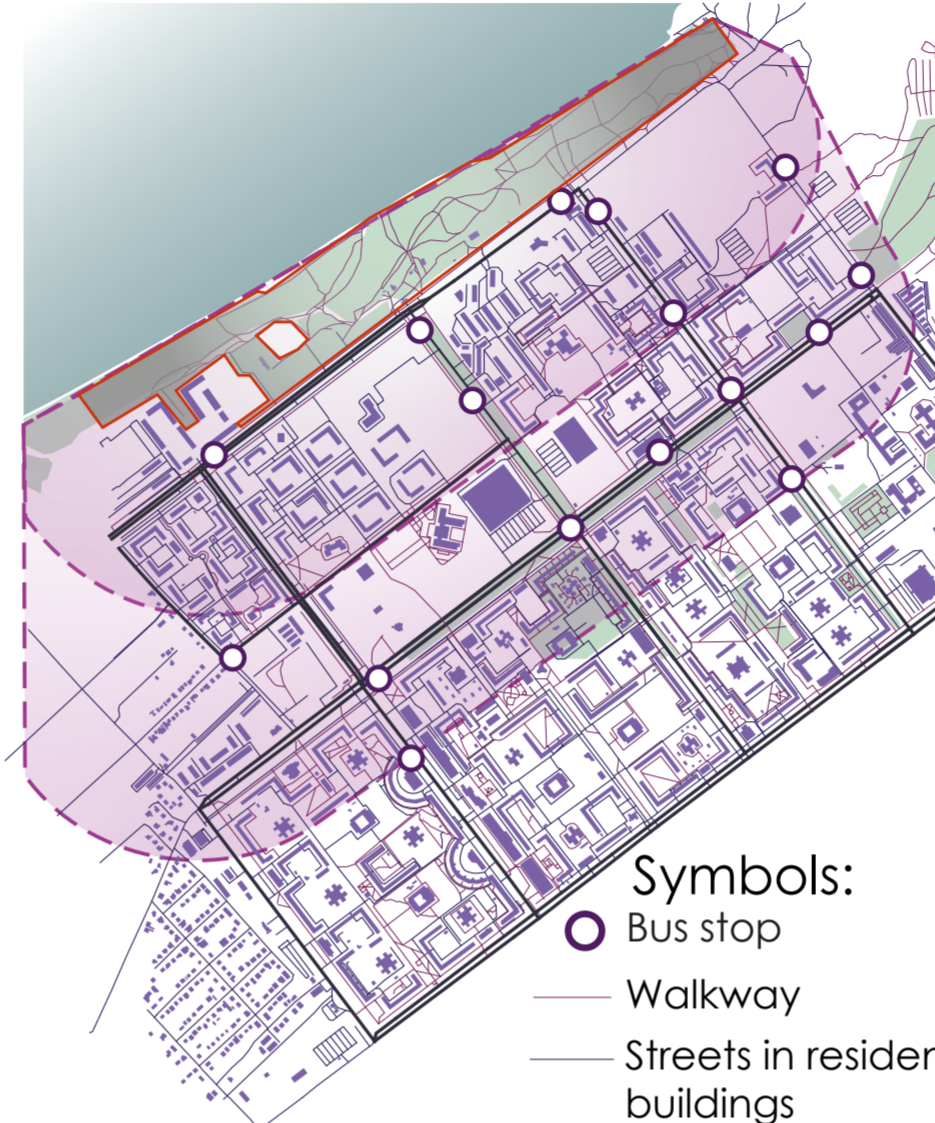
### Symbols:

— Boundaries of the projected site



View point

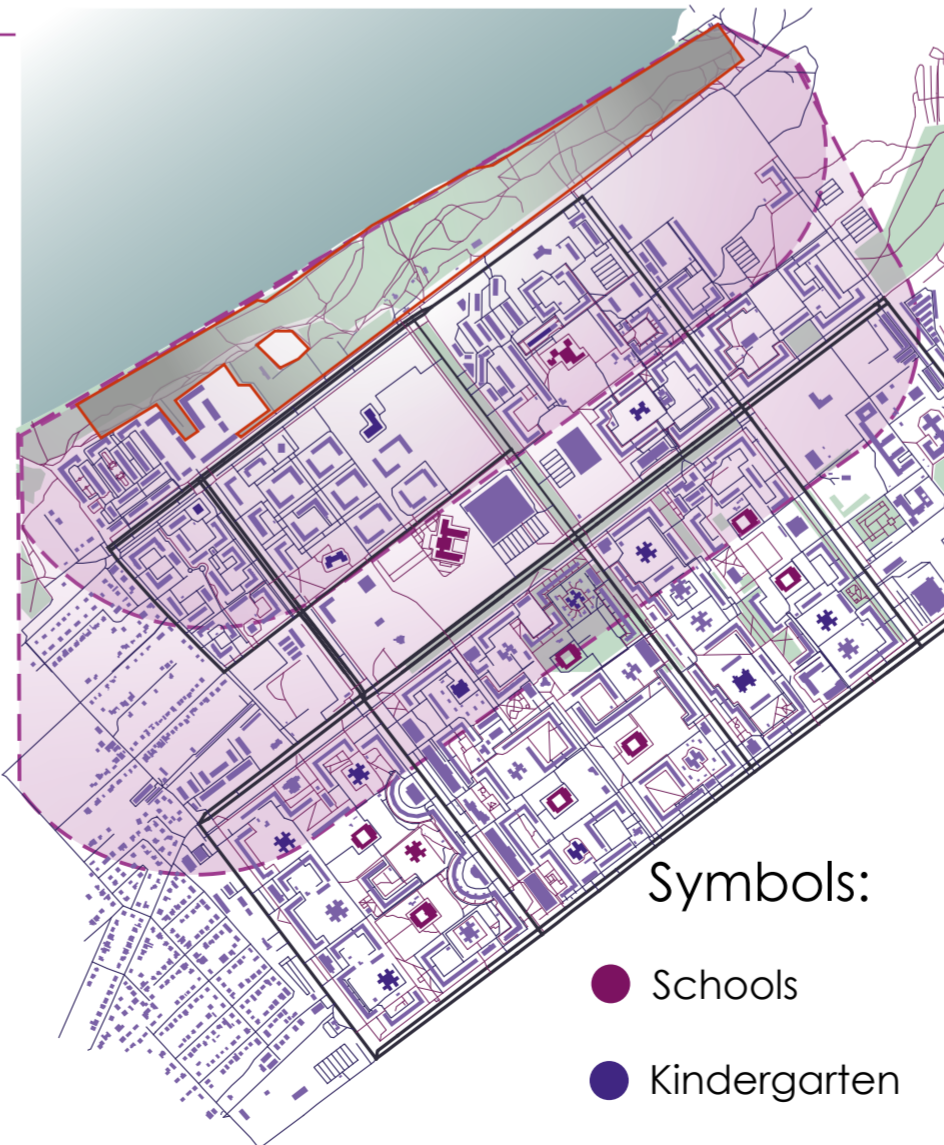
## Scheme of transport accessibility



### Symbols:

- Bus stop
- Walkway
- Streets in residential buildings
- Arterial streets

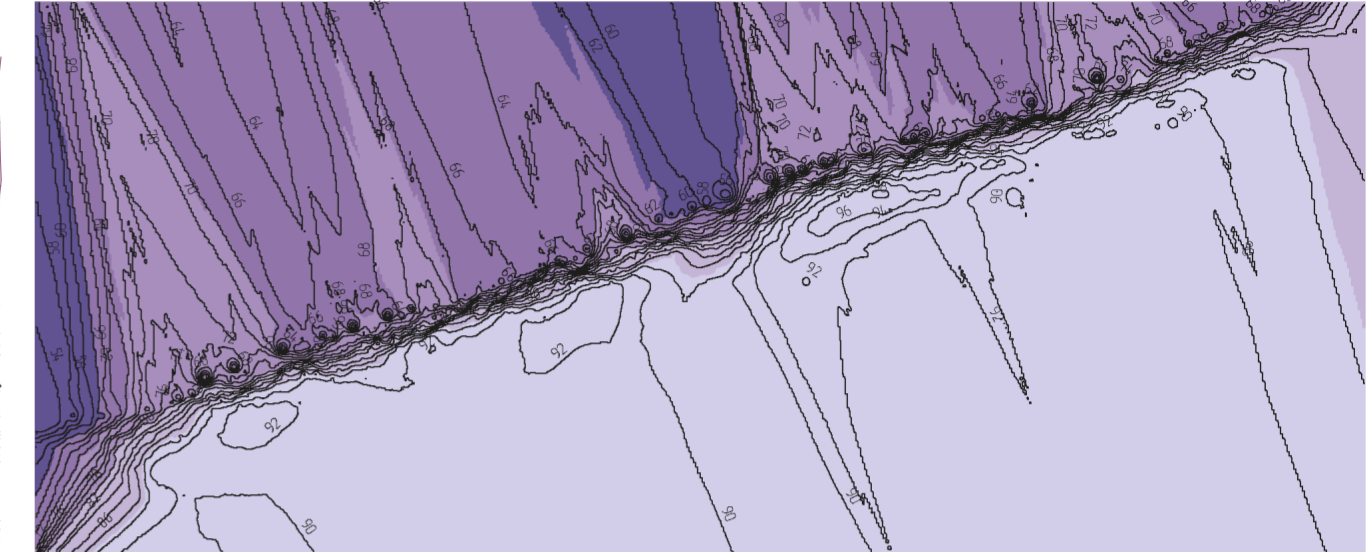
## Scheme of accessibility of 500-1000 m objects of different directions



### Symbols:

- Schools
- Kindergarten

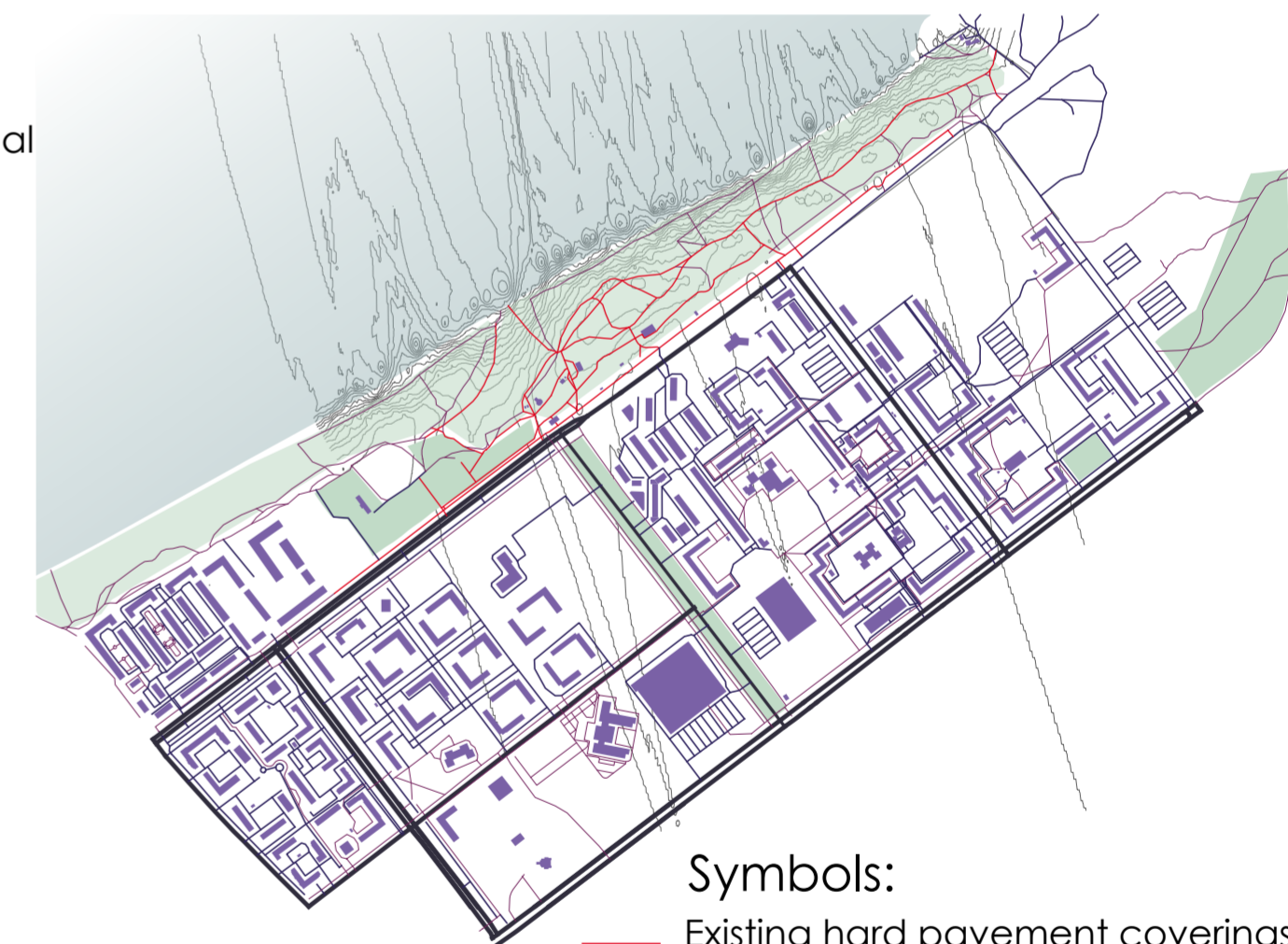
## Topography analysis



### Elevations

52,40 62,30 68,30 77,60 87,20 98,70

## Scheme of existing coatings



### Symbols:

- Existing hard pavement coverings (tiles)
- Existing soft pavement coverings

Due to the large number of tree and shrub plantations, low and medium aeration is observed throughout the territory.

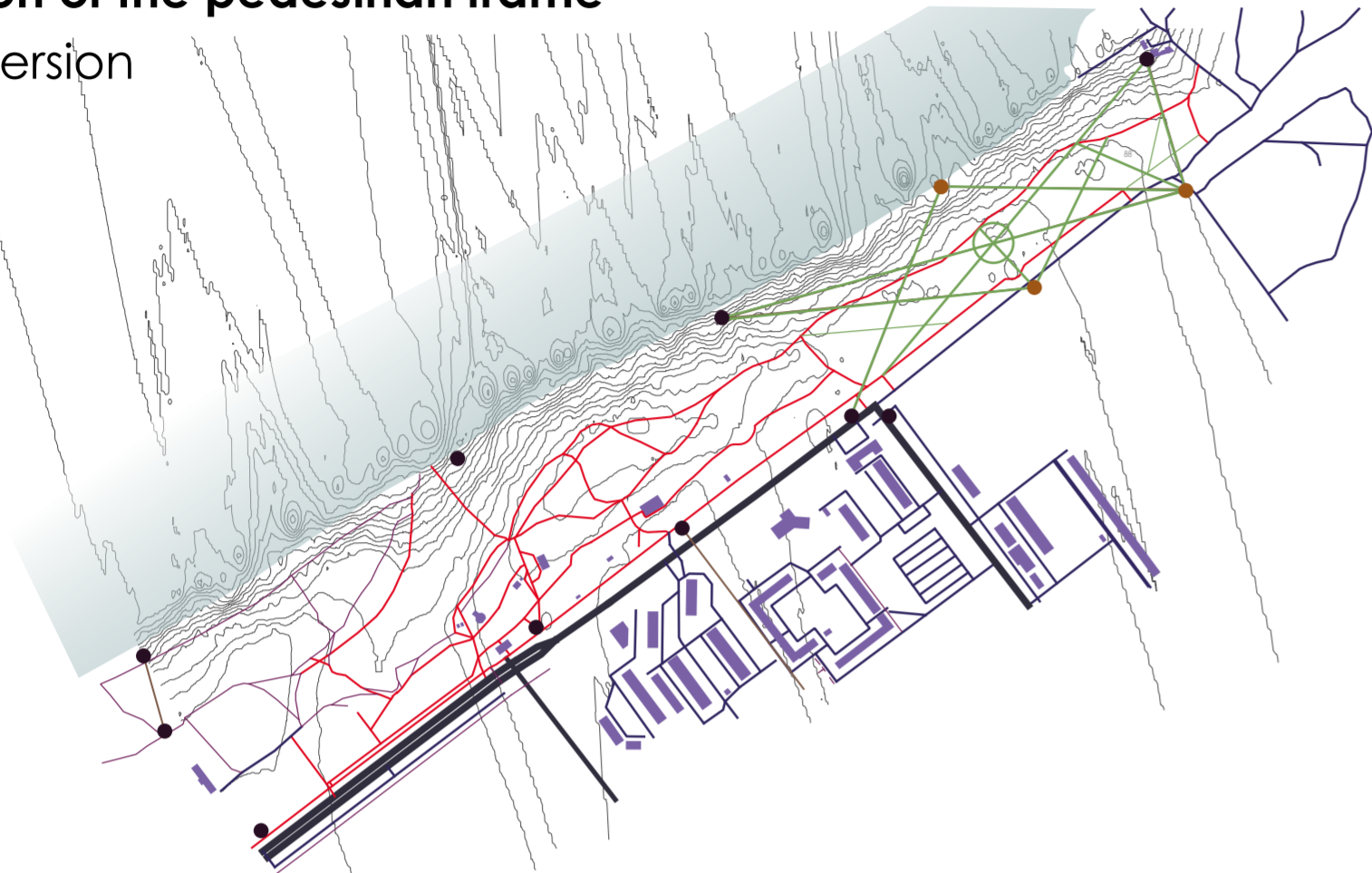
Due to the large number of tree and shrub plantations, low and medium insolation is observed throughout the territory.

It should be considered as a comfortable recreational environment.

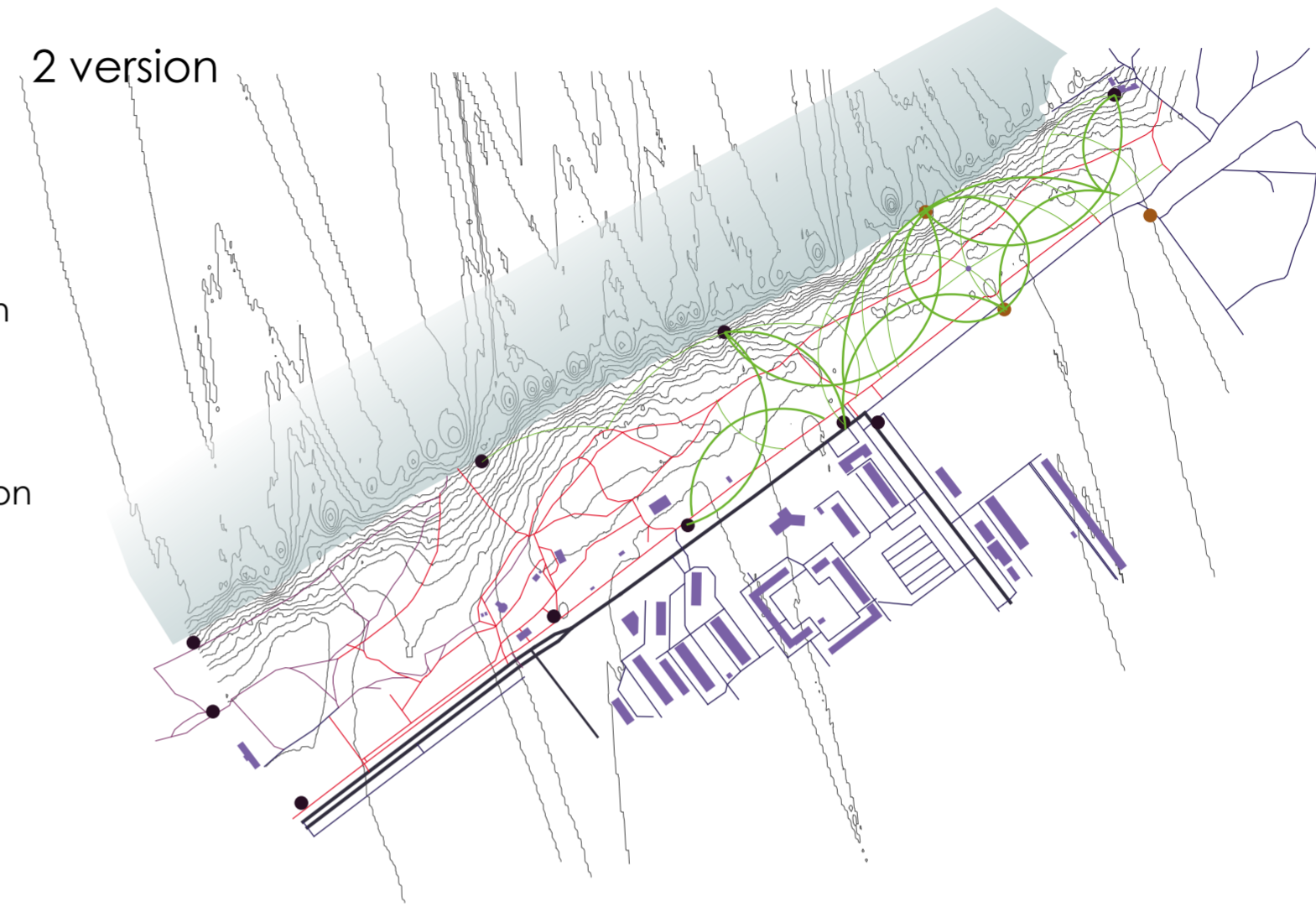
# The concept of the park development in Ulyanovsk

## Version of the pedestrian frame

1 version



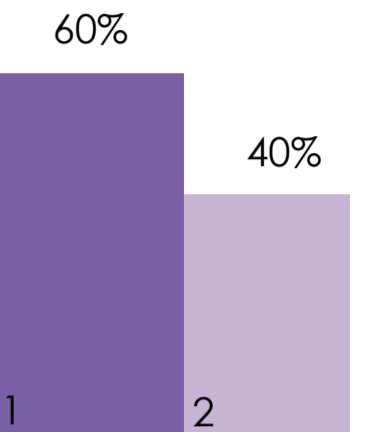
2 version



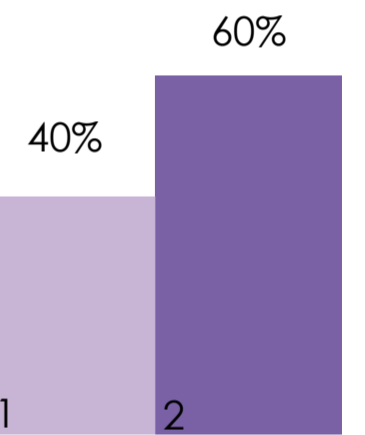
### Symbols:

- Existing points of attraction
- Existing tracks
- Landscaping area
- Planned points of attraction
- Projected solid coatings

% Ergonomics of straight sections



Adaptation to terrain changes



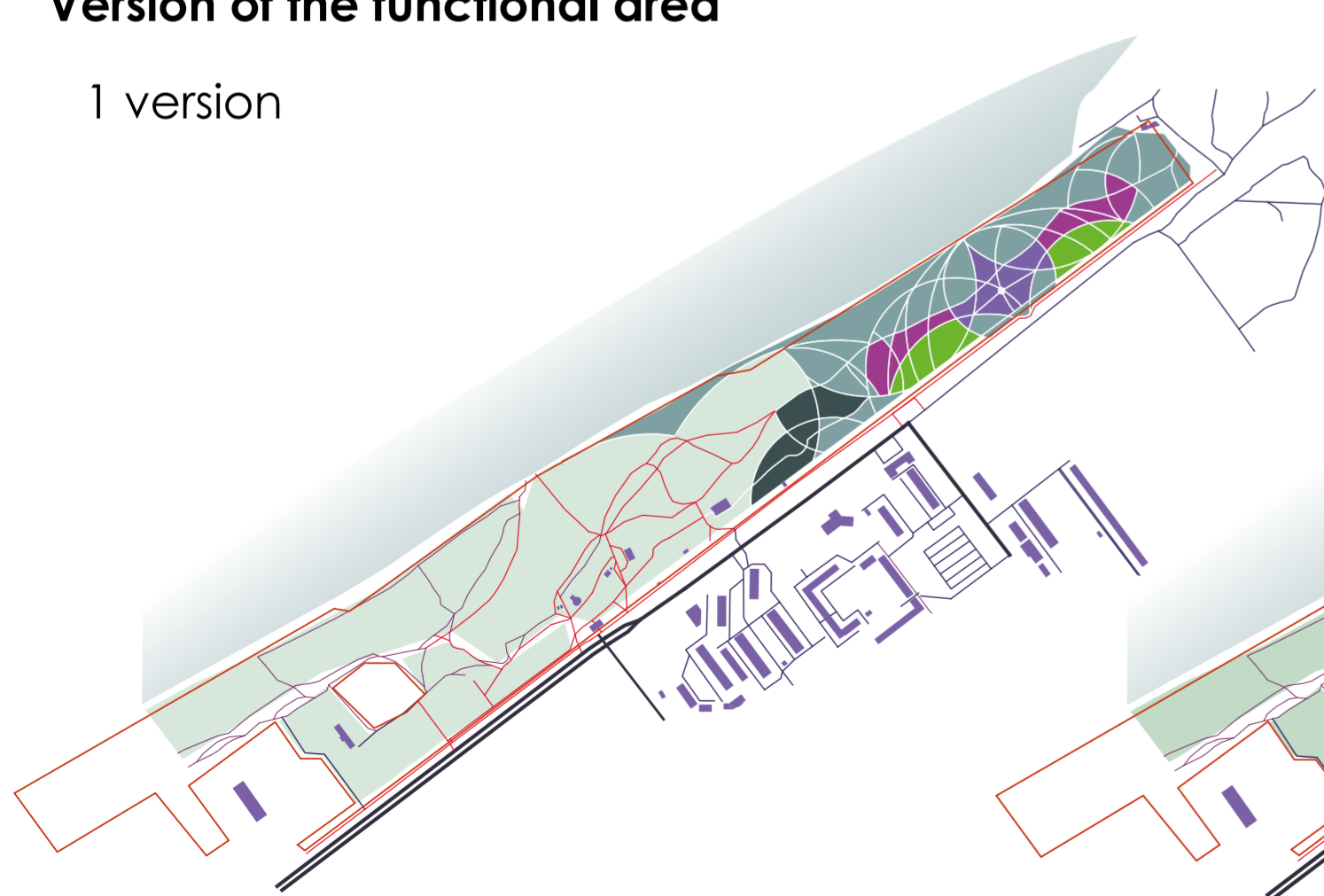
## Comparison table

	Seasonality of the territory	Economic potential	Balance of hard and green coatings	Adaptation of flat structures to terrain conditions	% Ergonomics of straight sections	% Saving green arrays	Adaptation to terrain changes
1 version	40%	60%	30%	50%	60%	50%	40%
2 version	60%	40%	70%	50%	40%	50%	60%

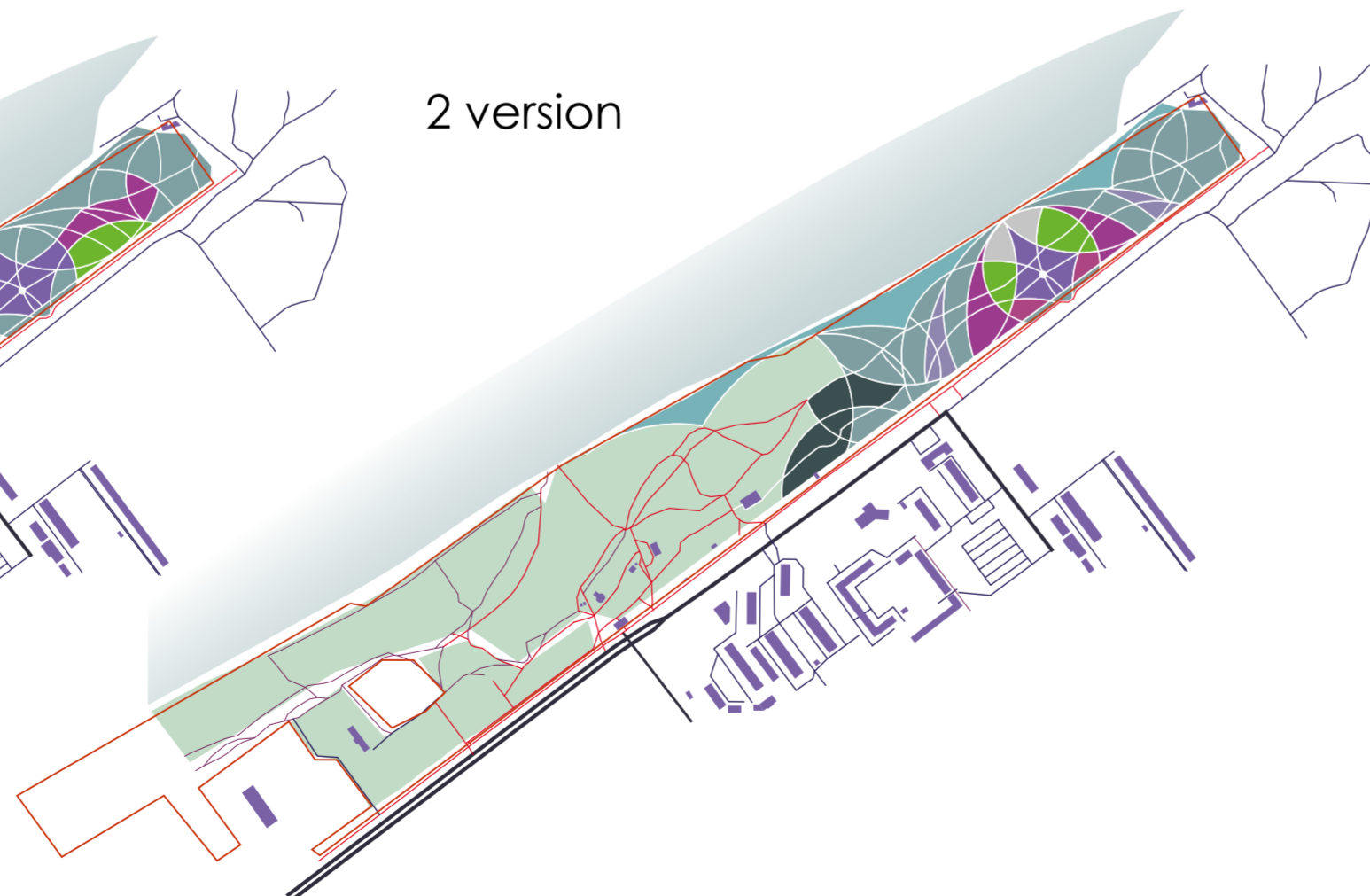
Conclusion: option 2 turned out to be the most optimal for most indicators. It has a more comfortable zoning, providing convenient communication between zones within the recreation area, and also has a more aesthetic solution.

## Version of the functional area

1 version



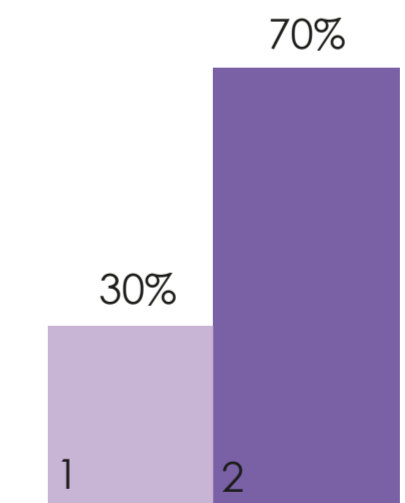
2 version



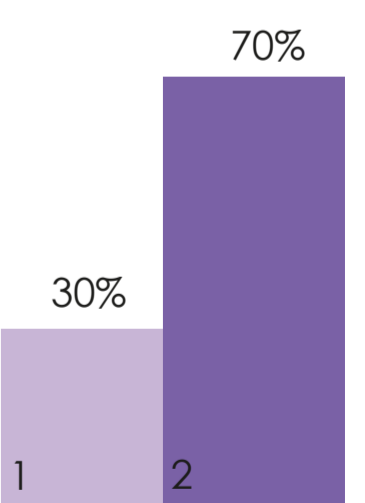
### Symbols:

- Green pedestrian and walking area
- Professions Square Zone (quiet rest)
- Playground area
- Area with attractions
- Garden area
- Beach recreation area
- The area of mass events
- Quiet recreation area

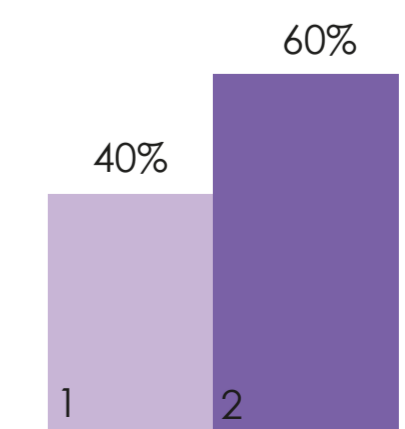
Balance of hard and green coatings



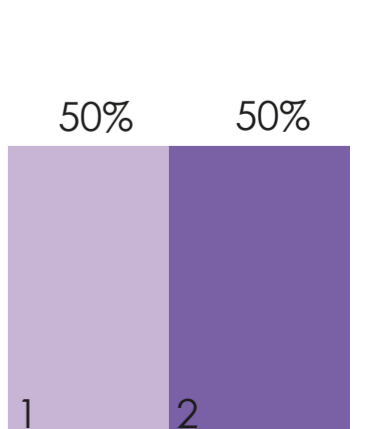
Economic potential



Seasonality of the territory



Adaptation to terrain changes



Conclusion: option 2 turned out to be the most optimal for most indicators. It has a more comfortable zoning, providing convenient communication between zones within the recreation area, and also has a more aesthetic solution.

# The concept of the park development in Ulyanovsk

Master plan  
Scale 1: 2 000

Explication of the territory

No	Name	S, m <sup>2</sup>
1	The main entrance to the park	190
2	Entrance to the park	190
3	Parking space	8638
4	Weekend Fair	2122
5	Flower beds	387
6	Playgrounds	2452
7	Garden	6810
8	Children's petting zoo	1124
9	An area with small architectural forms	1181
10	Park of ProfessionsPark of Professions	6562
11	Quiet recreation area	9391

Technical and economic indicators

No	Name	S, m <sup>2</sup>
1	Total area of the plot	232 690
2	Total area of landscaping	205 783
3	Total area of roads	26 907
4	Total area of coatings	24 561
5	Total building area	200

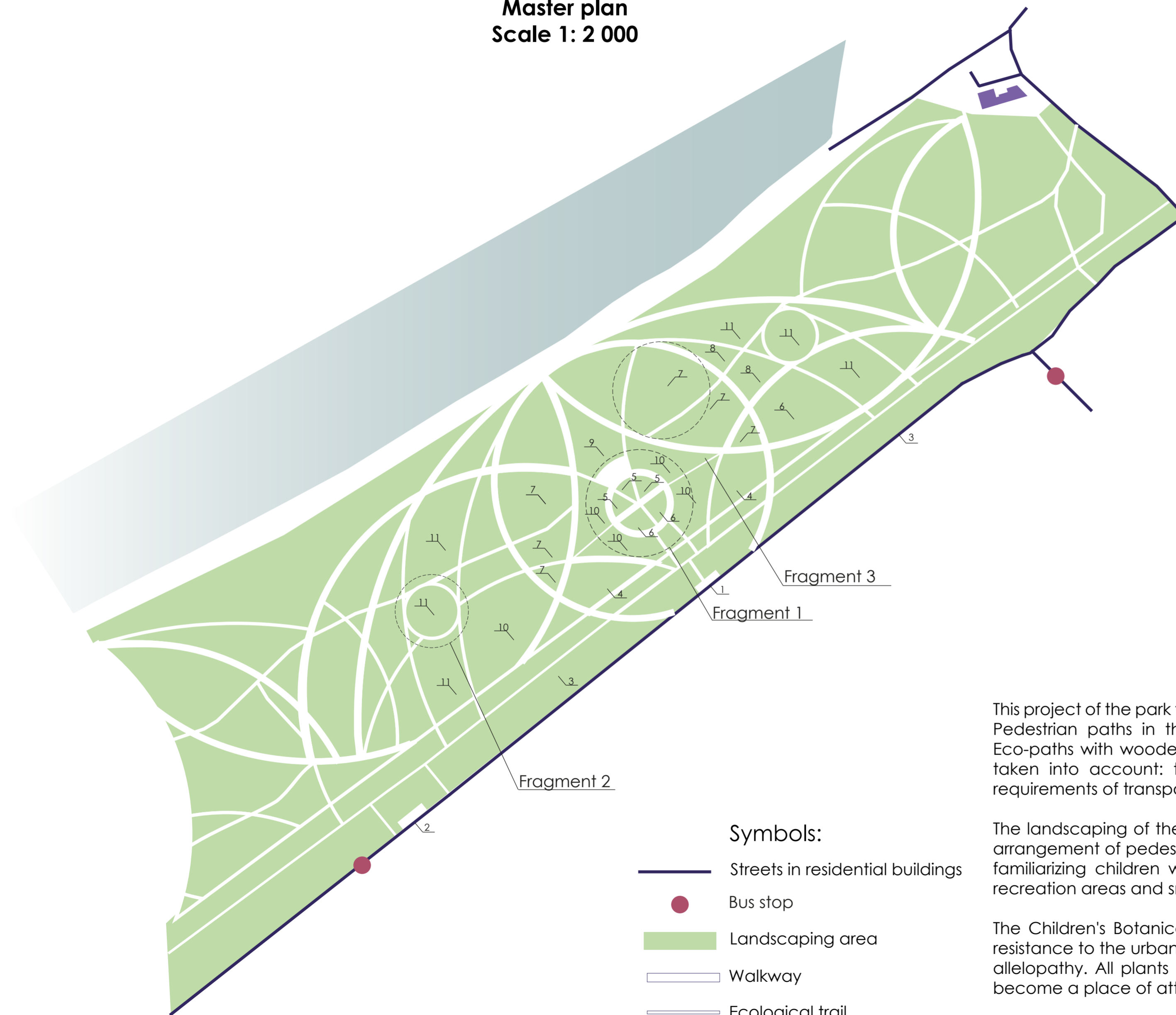
Symbols:

-  Streets in residential buildings
-  Bus stop
-  Landscaping area
-  Walkway
-  Ecological trail

This project of the park takes into account the peculiarities of the climate and relief of the city of Ulyanovsk. Pedestrian paths in the park are designed on the basis of ergonomics, environmental friendliness. Eco-paths with wooden flooring are designed in the park. For the design of the tracks, the terrain was taken into account: the tracks should not have sharp drops. The project takes into account the requirements of transport accessibility for low-mobility groups of the population.

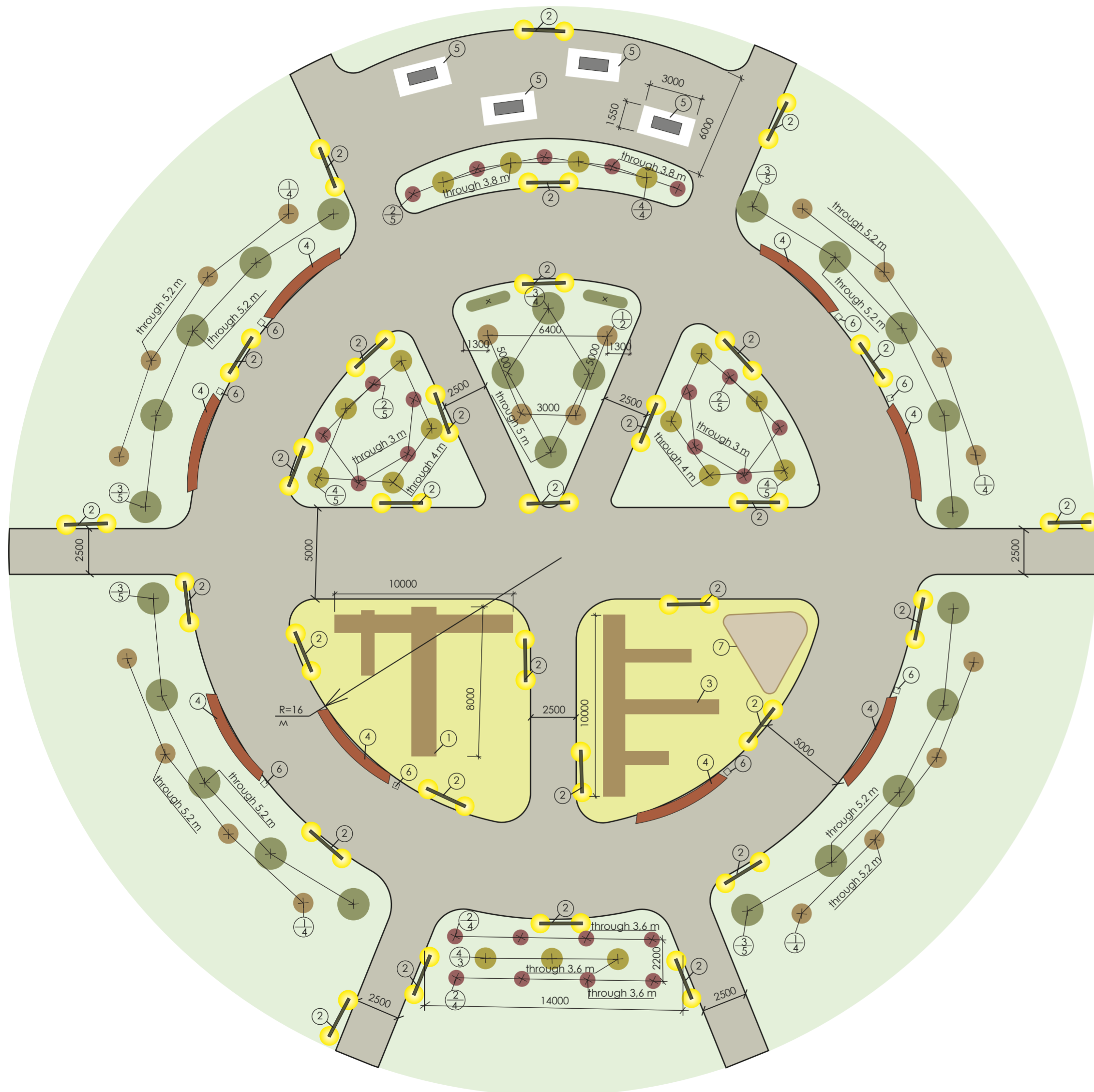
The landscaping of the park is made in landscape style. The park includes: landscaping of the territory, arrangement of pedestrian sidewalks, placement of playgrounds of various functions, garden territory for familiarizing children with the outside world and adult recreation areas, dog walking areas, passive recreation areas and small architectural forms.

The Children's Botanical Garden is rich in a variety of trees and shrubs, selected taking into account resistance to the urban environment, resistance to high soil moisture, taking into account the principles of allelopathy. All plants are hypoallergenic and the fruits of the trees are safe for children. The park will become a place of attraction for visitors of all ages, as it has a wide variety of zones.



# The concept of the park development in Ulyanovsk

Fragment 1  
Scale 1:200



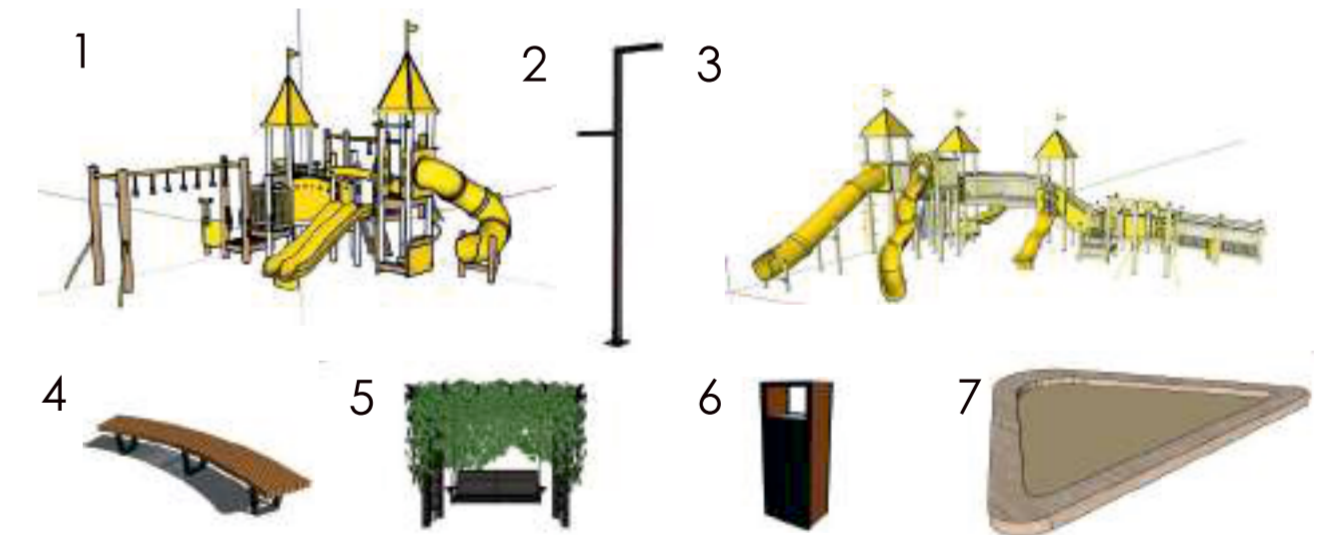
List of coatings

No	Name	Type	S, m <sup>2</sup>
1	Grass		230
2	Paving slabs		342
3	Rubber coating		164

List of small architectural forms

No	Designation	Name	Quantity	Note
1		Children's playground	1	Projected
2		Street lamp	31	Projected
3		Children's playground	1	Projected
4		Bench	8	Projected
5		Swing Garden	4	Projected
6		Garbage	8	Projected
7		Sandbox	1	Projected

Symbols:

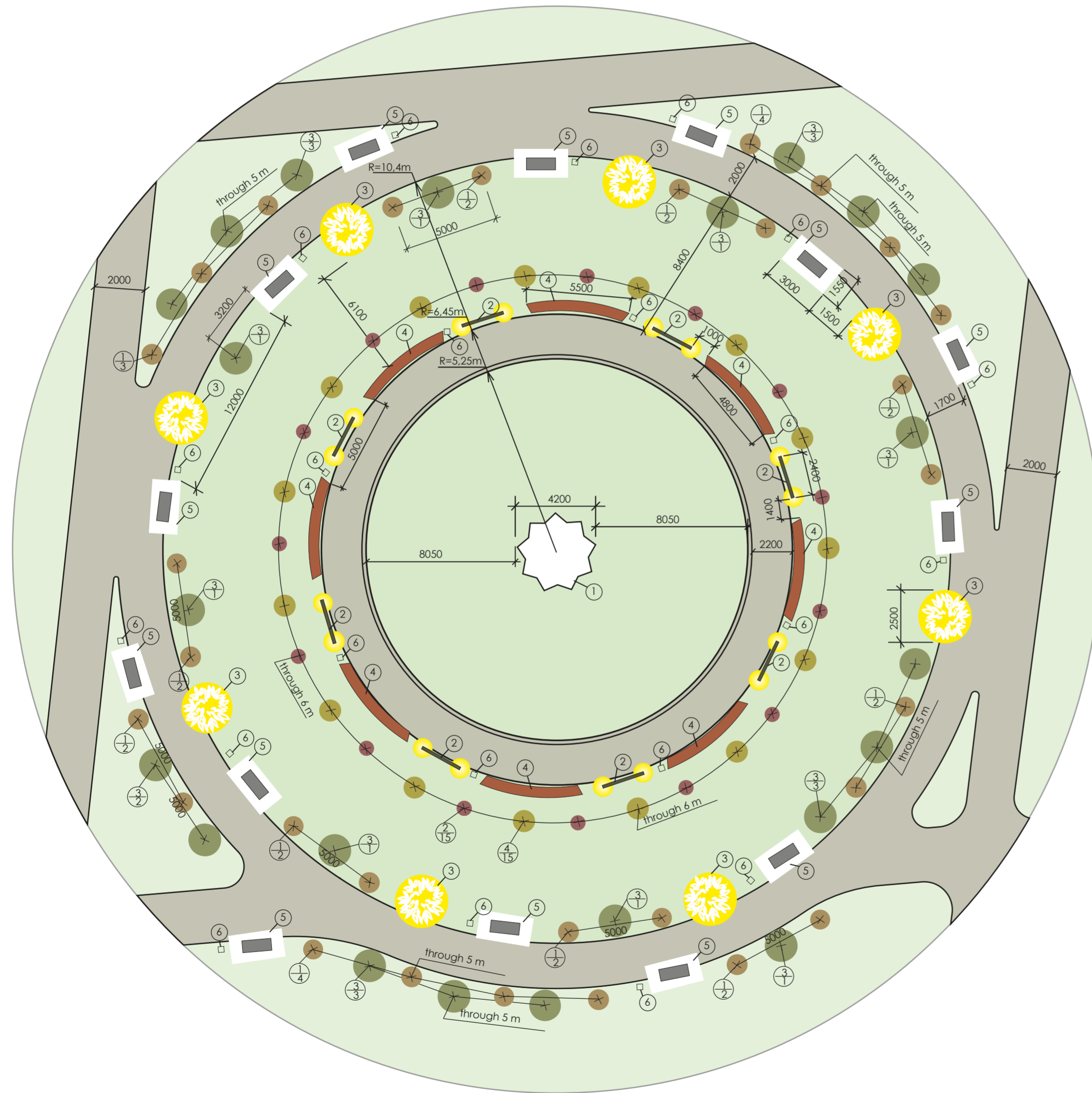


List of landscaping elements

No	Name	Age, years	Quantity, pieces
1	Spiraea thunbergii	7-8	20
2	Berberis thunbergii	6-7	23
3	Juniperus sabina	3-4	26
4	Panicle hydrangea	6-7	17

# The concept of the park development in Ulyanovsk

Fragment 2  
Scale 1:200



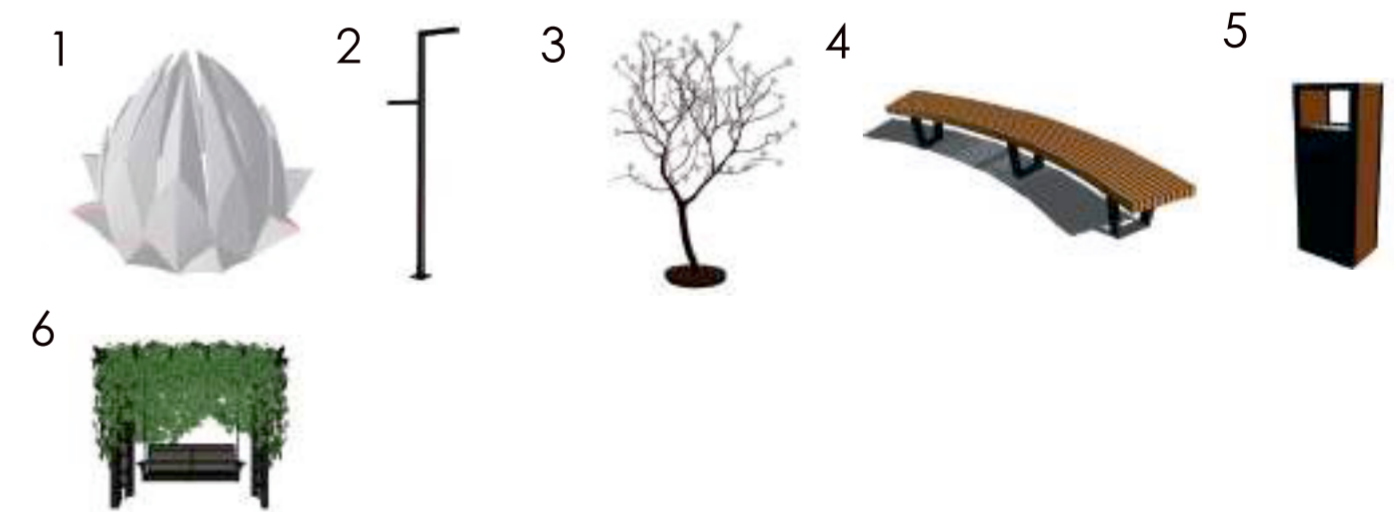
List of coatings

No	Name	Type	S, m <sup>2</sup>
1	Grass		296
2	Paving slabs		187

List of small architectural forms

No	Designation	Name	Quantity	Note
1		Sculpture lotus	1	Projected
2		Street lamp	8	Projected
3		Street lamp «Tree»	8	Projected
4		Bench	8	Projected
5		Swing Garden	14	Projected
6		Garbage	22	Projected

Symbols:

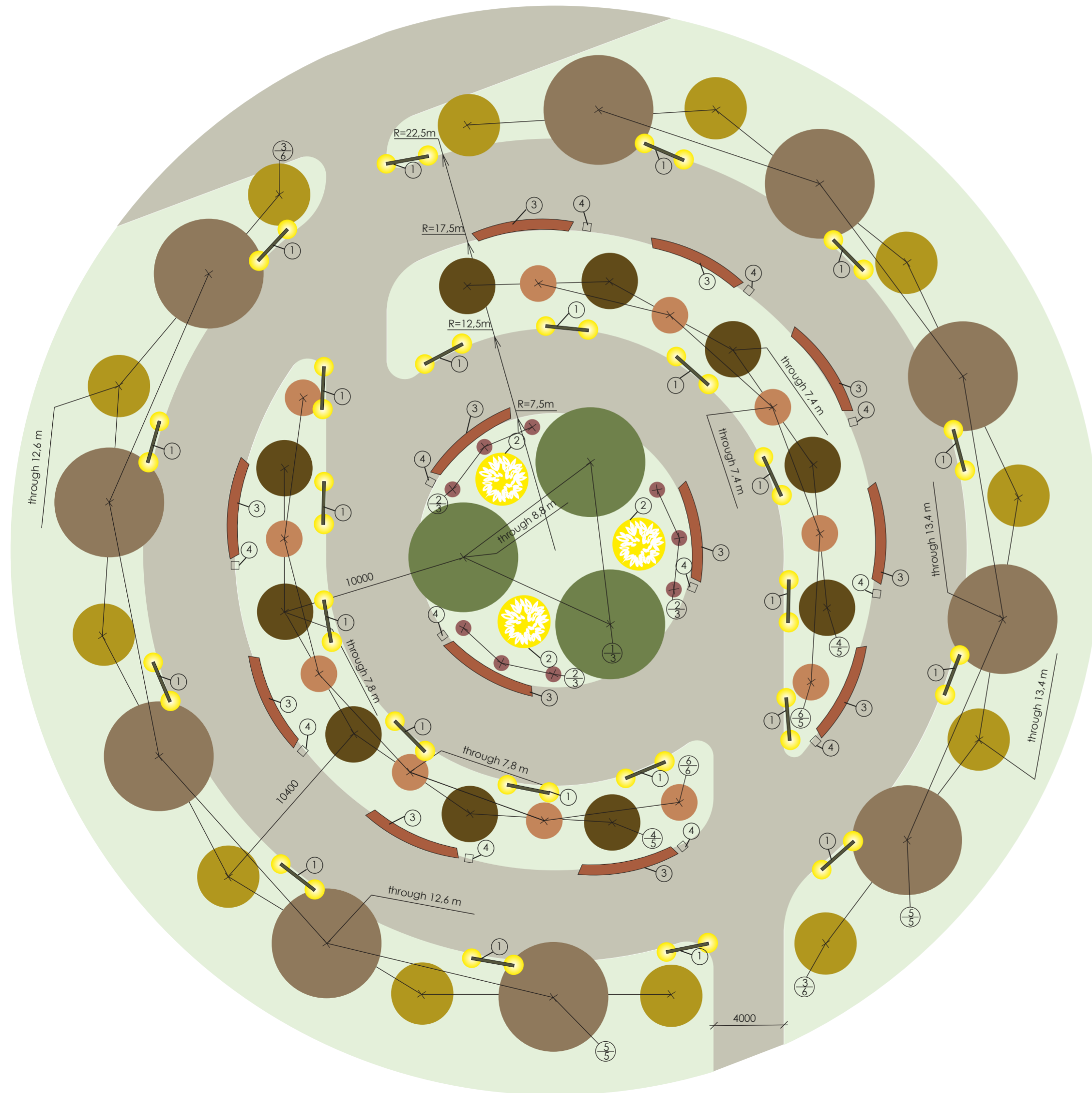


List of landscaping elements

No	Name	Age, years	Quantity, pieces
1	Spiraea thunbergii	7-8	29
2	Berberis thunbergii	6-7	15
3	Juniperus sabina	3-4	22
4	Panicle hydrangea	6-7	15

# The concept of the park development in Ulyanovsk

Fragment 3  
Scale 1:200



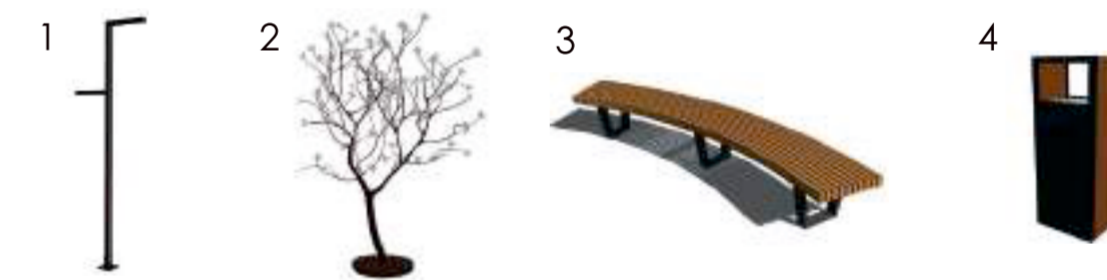
List of coatings

No	Name	Type	S, m <sup>2</sup>
1	Grass		193
2	Paving slabs		254

List of small architectural forms

No	Designation	Name	Quantity	Note
1		Street lamp	24	Projected
2		Street lamp «Tree»	3	Projected
3		Bench	12	Projected
4		Garbage	12	Projected

Symbols:



List of landscaping elements

No	Name	Age, years	Quantity, pieces
1	Antonovka Apple tree	1-2	3
2	Berberis thunbergii	1-2	9
3	Bird cherry tree	1-2	12
4	Cherry Tree	1-2	10
5	Plum tree	1-2	10
6	Gooseberry	1-2	11

# The concept of the park development in Ulyanovsk

## Color passport of trees and shrubs (summer)



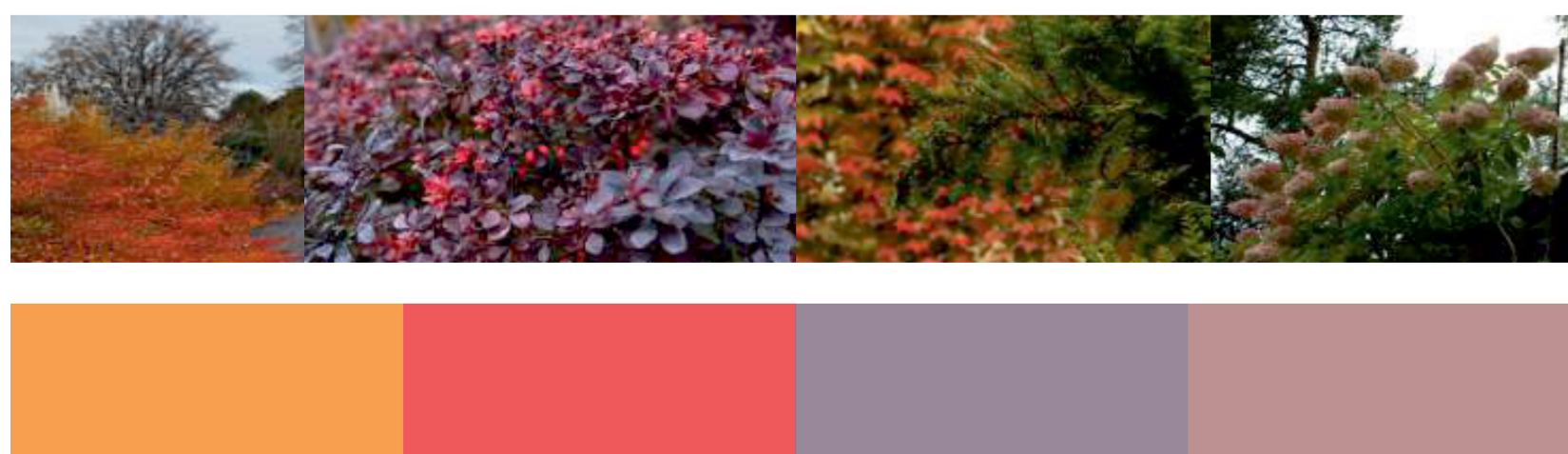
## Color passport of trees and shrubs (autumn)



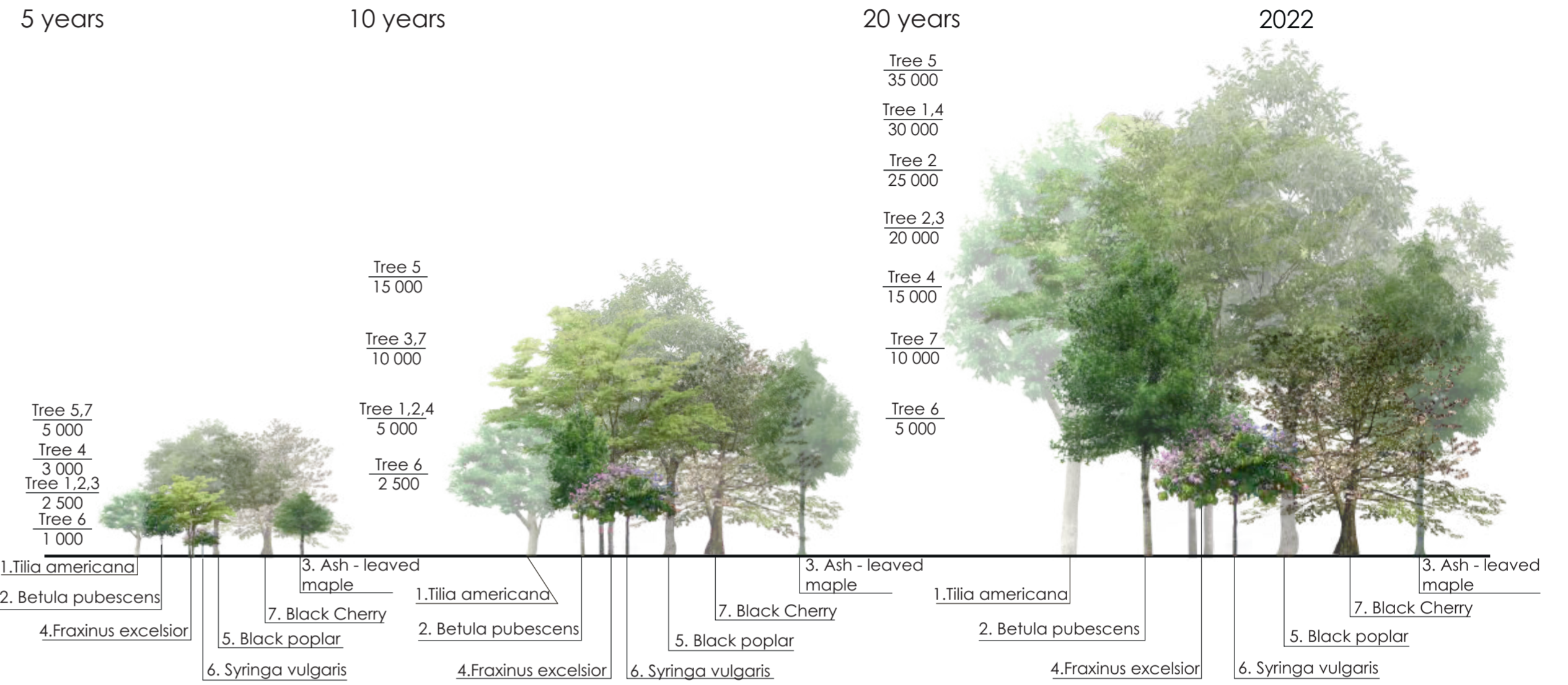
## Color passport of new trees and shrubs (summer)



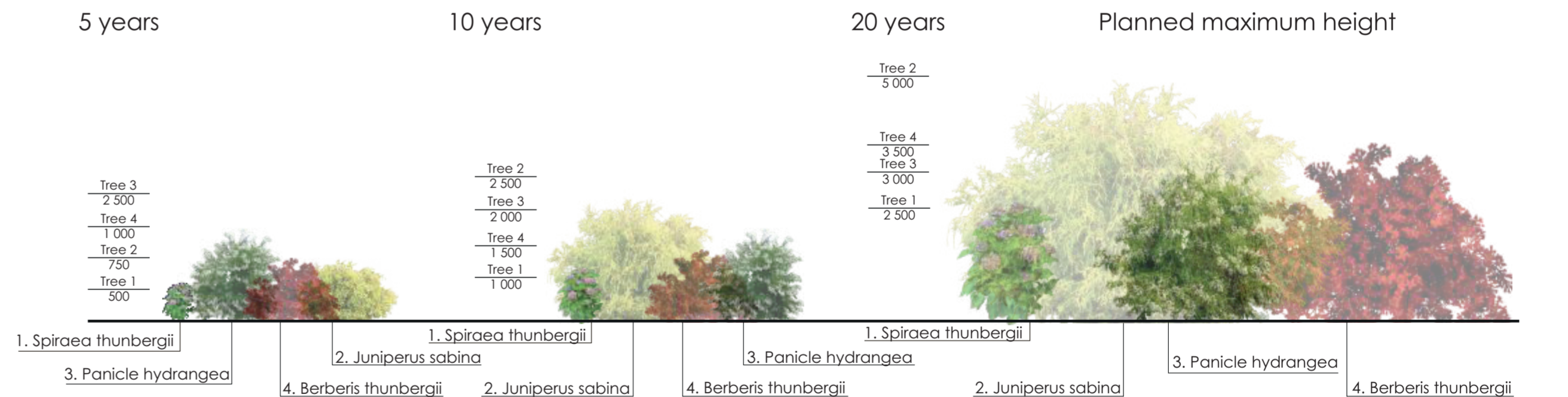
## Color passport of new trees and shrubs (autumn)



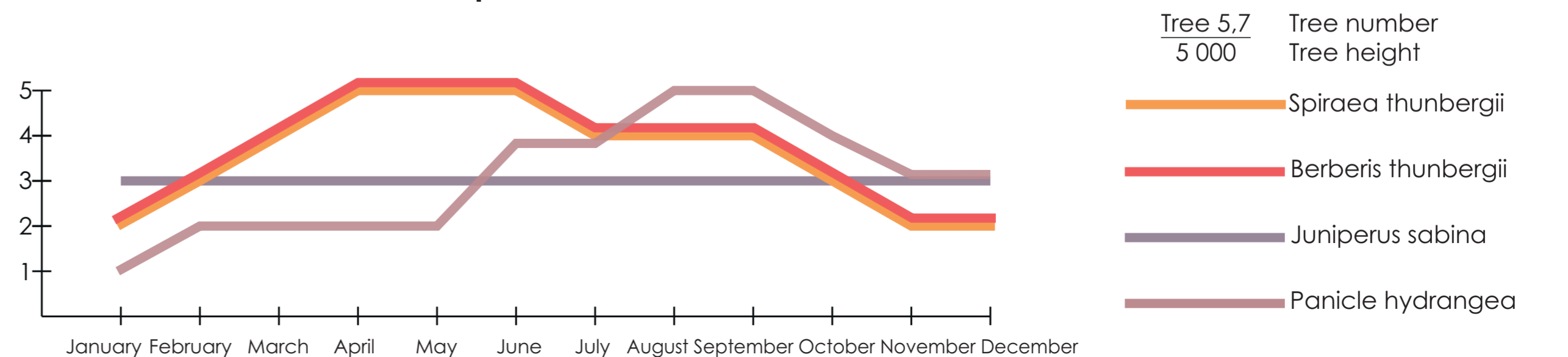
## Life script for growing trees and shrubs



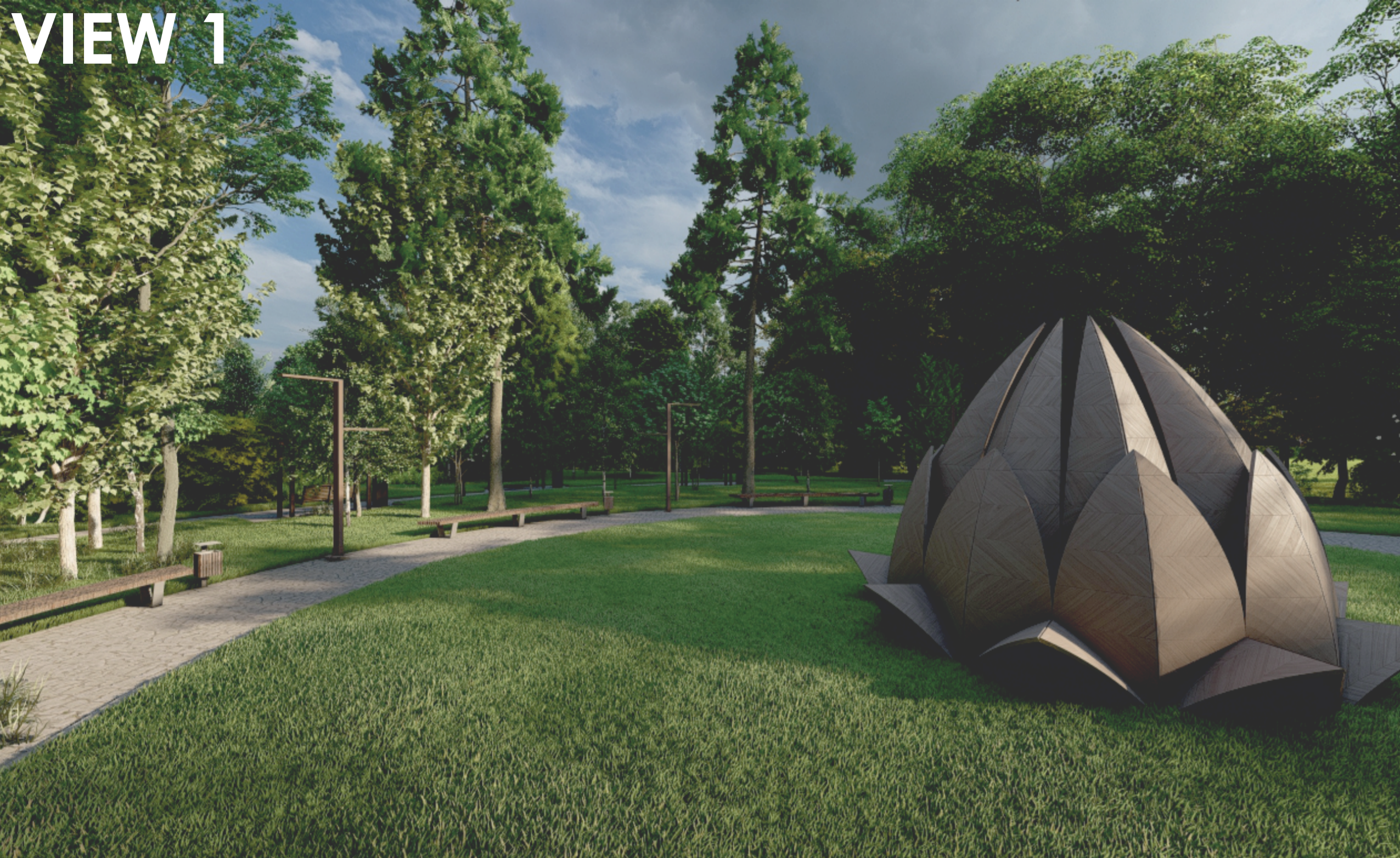
## Life script of new trees and shrubs



## Decorative scheme of new plants



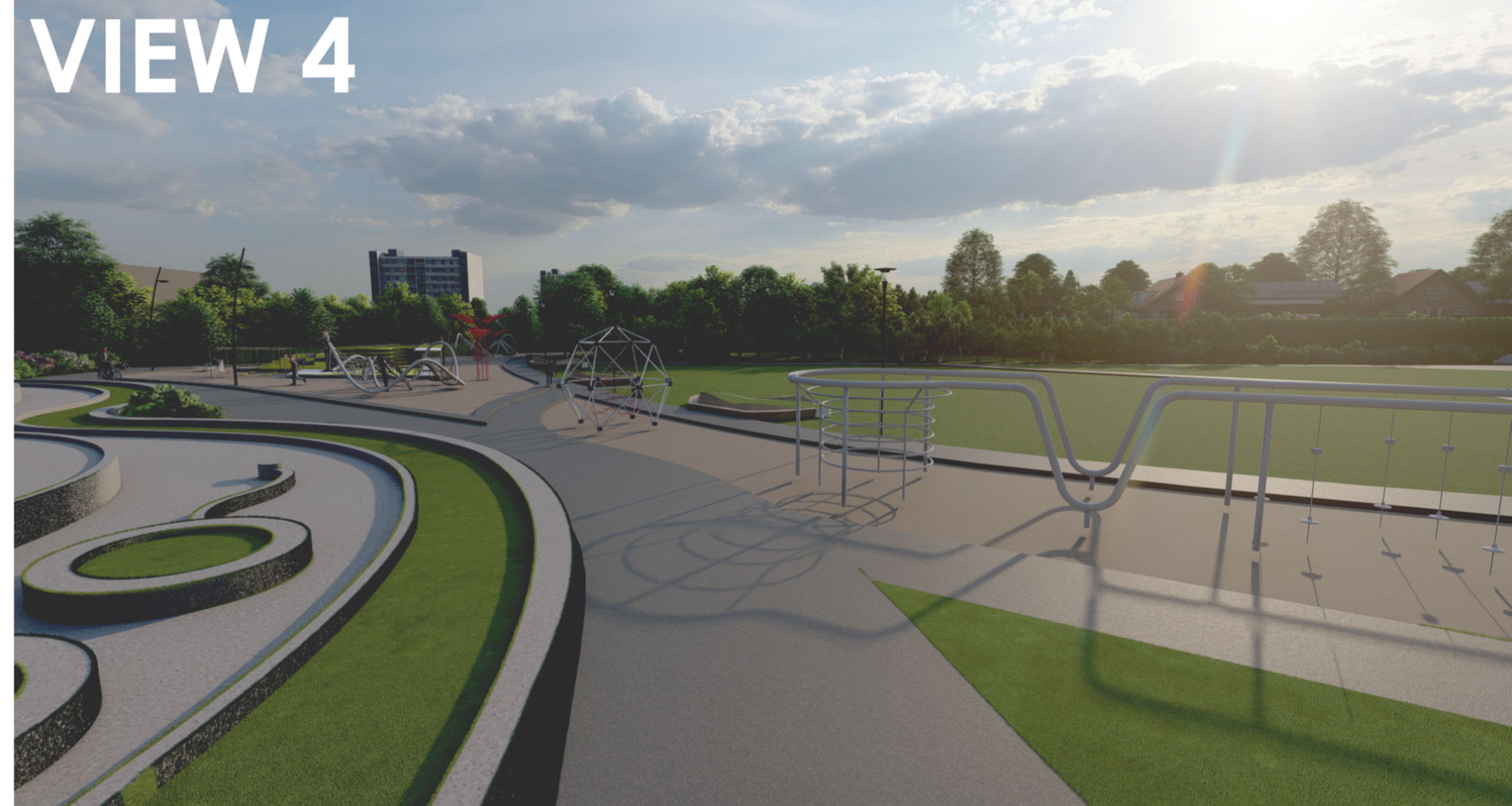
**VIEW 1**



**VIEW 3**



**VIEW 4**



**VIEW 2**



**VIEW 5**

