

↑ парк
Сокольники Sokolniki
International competition to Prepare a
Conceptual Framework for the
Development of Sokolniki Park Territory
МАТРИЦА ЧАЕПИТИЯ
TEA PARTY MATRIX



1

CHALLENGE & OBJECTIVES

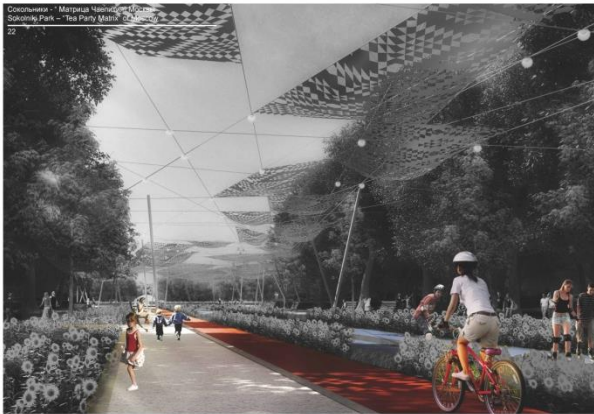
The Solkoniki Park development framework follows 5 key principles to achieve different aspects of resiliency effectively, efficiently, and economically.



второй вид с юга-запада
South -west View of Sokolniki Park

1 Minimal Instruction to Maximize Utilization

Existing situation



Design

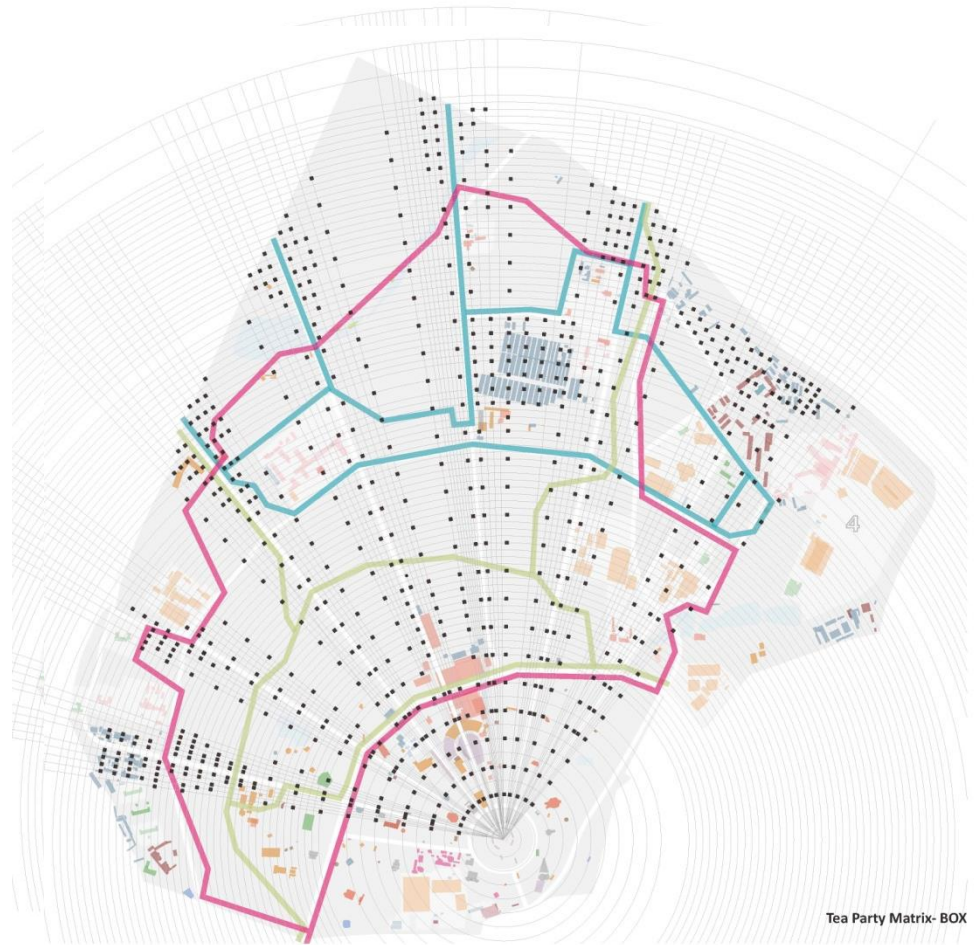


2 Minimal Impact to Maximize Ecology

Existing situation



Design



3 Minimal Interference to Maximize Accessibility

Existing situation



Design

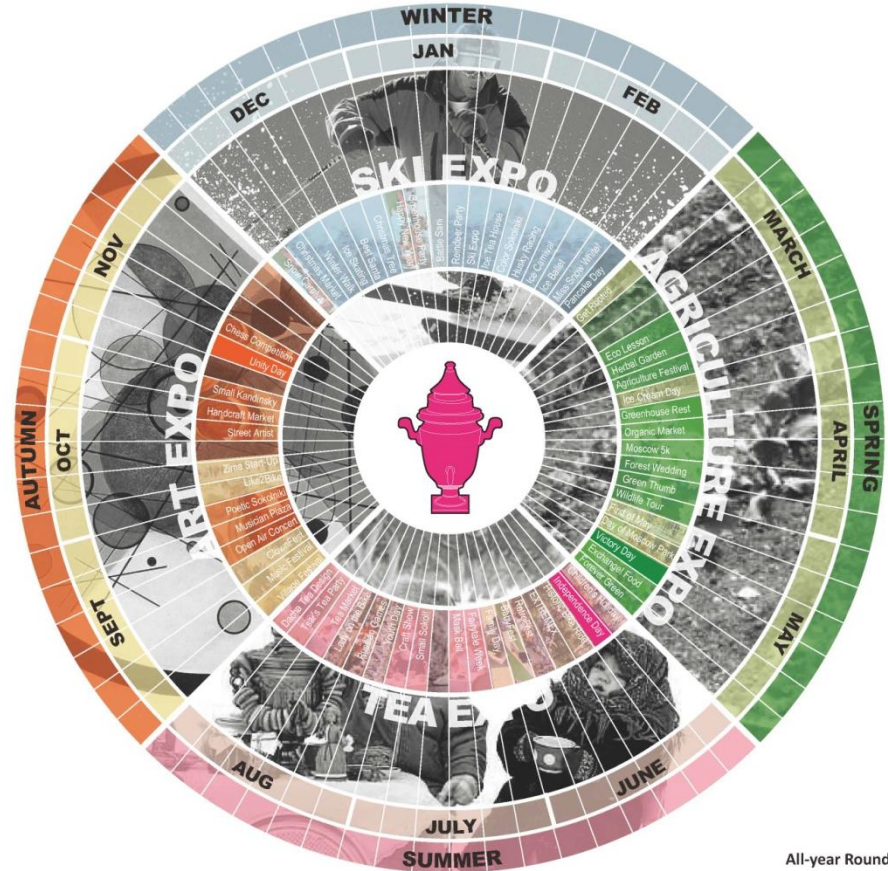


4 Minimal Interpretation to Maximize Event Spaces

Existing situation



Design



All-year Round Events



5 Minimal Intervention to Maximize Economy

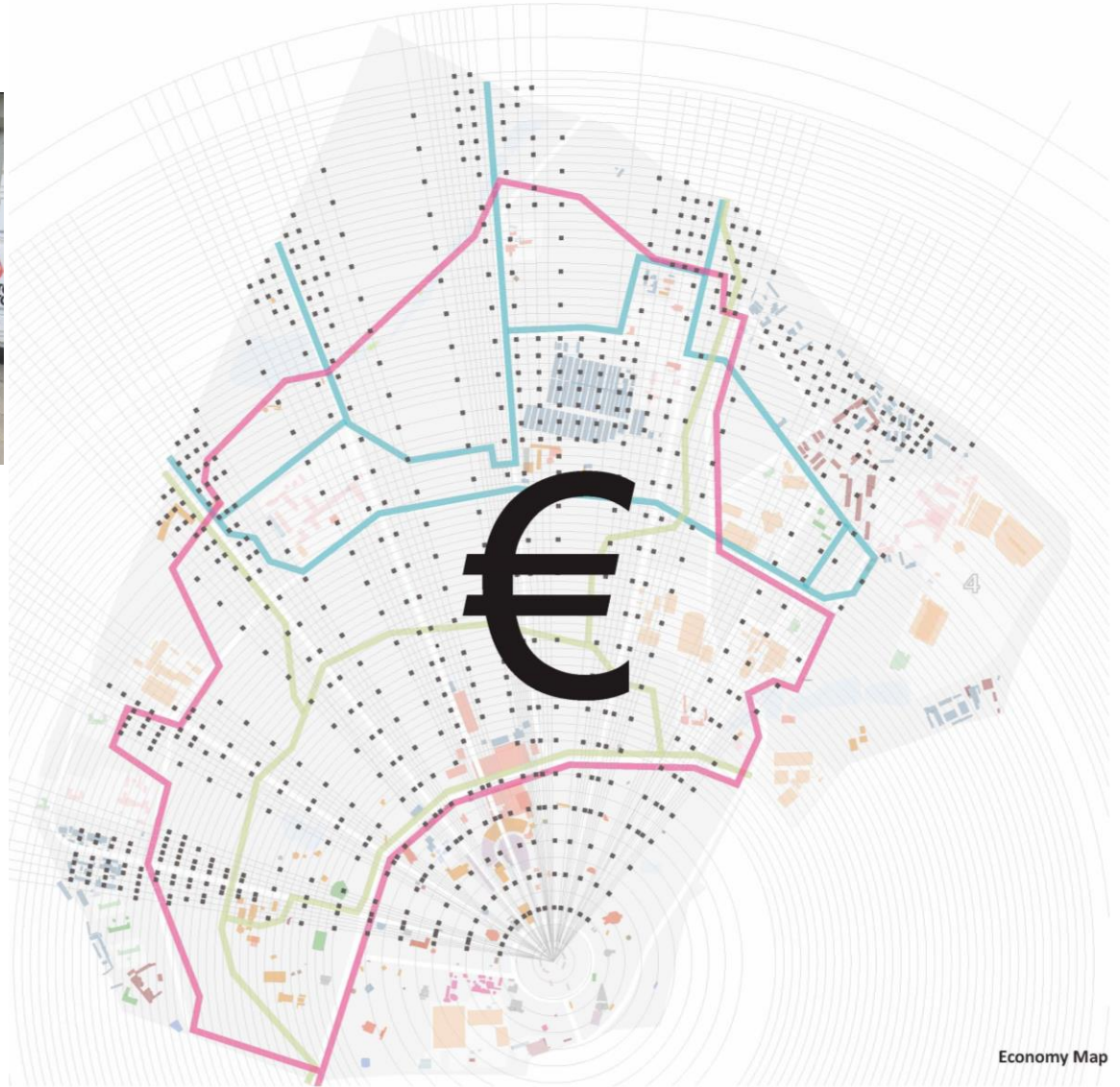
Existing situation



Сочинение - "Матрица 'Матрица' Москва"
Sokolniki Park - "Tea Party Matrix" of Moscow



Design



2

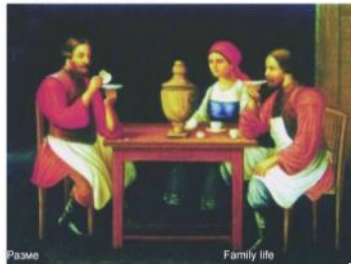
THE SOLUTION

TEA PARTY MATRIX' OF MOSCOW



Tea party plays a very important role in Russian's life

Прошлое /Past



Разме
Family life
В русском языке есть такое выражение "сидит у самовара", это значит вести свободный разговор когда пить чай из самовара.



Разме
Royal life
The Russian expression "to have a sit by the samovar" means to have a leisurely talk while drinking tea fr



важную роль в русской жизни, особенно в культурного собрания
Samovar also played an important role in the royal and noble life especially for social and cultural gathering



Разме
Sokolniki
Чайная часть в парке Сокольники 1910-1917. Люди из разных уровней общества участвовали в его фестивале. Рабочие приносили свой самовар чтобы сделать чай, а так же начали появляться чайники.



Tea Party in Sokolniki 1910-1917
"people from all levels of society attended its May Day festival. Workers brought their own samovars to make tea, and open-air teahouses began to appear."

Настоящее/ Present



Разме
Daily
"Мобильник в руке" есть символ современных людей. Мы можем почти сделать все с помощью мобильника.

mobile in hand is a sign of modern people. We almost could do everything by using mobile phone.

будущее/ Future



Разме
Sokolniki life
Система в парке Сокольники "Чай союжение матрица" инкапсулируются сущность русской истории, традиции и образа жизни.

The "Tea Party Matrix" system of Sokolniki Park has encapsulated the essence of Russian's history, tradition, and lifestyle.

Past

Present

Future



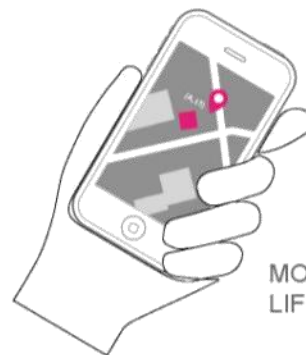
"The Tea Party Matrix" is a living mechanism that links the past, present, and the future.



TRADITIONAL
LIFESTYLE



+



MOBILE
LIFESTYLE

SOKOLNIKI LIFE

(S, 51)

“The Tea Party Matrix” is a new concept for large scale park development in the 21st century.



Первый вид с юго-востока
North View of Sokolniki Park



3

DESIGN STRATEGIES

5 Layers to form the matrix system

Ground: 3 zones

Circulation: 3 loops

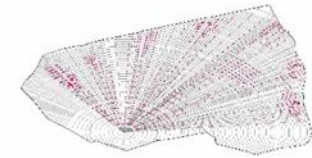
Patches: 10 gardens

Grid: 26x51 coordinates

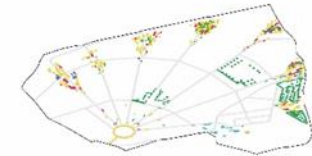
Nodes: 750 boxes and places

Designed Layers:
Five new designed layers are introduced on top of the existing ground of the site:

1) Architecture:
Main axes of radial programming and the structure of existing buildings, "main axes" (main roads and main axes)



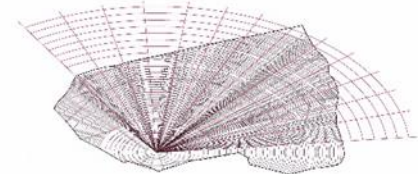
2) Landscape:
Main axes of radial programming and the structure of existing buildings, "main axes" (main roads and main axes)



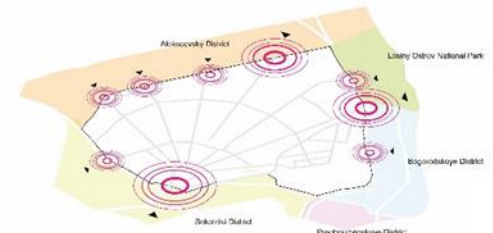
3) Circulation:
Main axes of radial programming and the structure of existing buildings, "main axes" (main roads and main axes)



4) Grid:
Main axes of radial programming and the structure of existing buildings, "main axes" (main roads and main axes)



5) Nodes:
Main axes of radial programming and the structure of existing buildings, "main axes" (main roads and main axes)

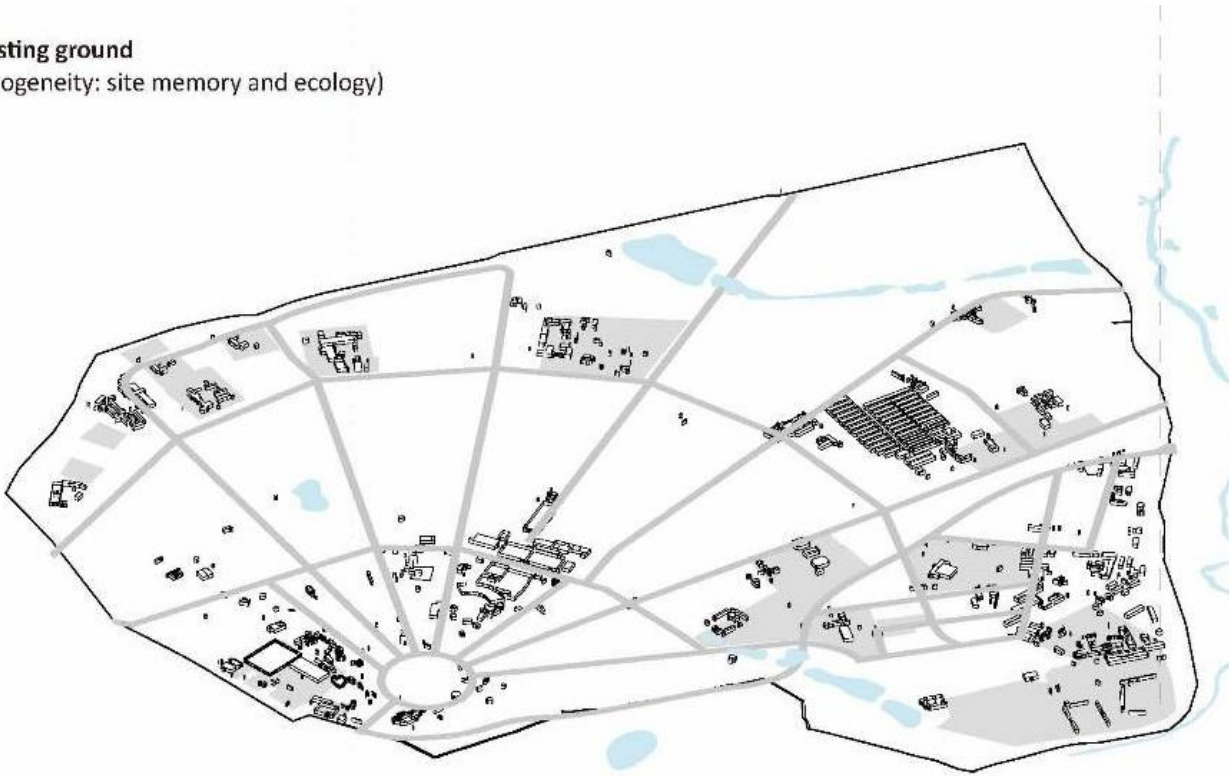


6) Building ground:
Main axes of radial programming and the structure of existing buildings, "main axes" (main roads and main axes)



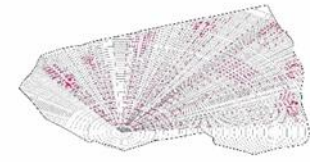
Ground: 3 zones

0) Existing ground (homogeneity: site memory and ecology)

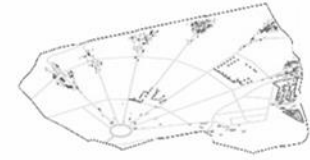


Designed Layers:
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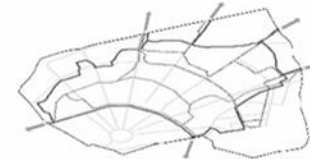
1) Architecture:
Inserts units of diverse program/uses into the structure of existing buildings. "Inserts are new 'insertions' and 'new' again."



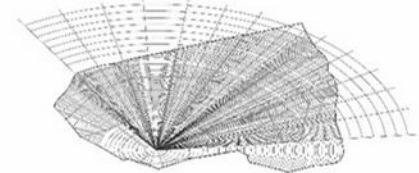
2) Landscape:
Inserts units of diverse program/uses into the structure of existing buildings.



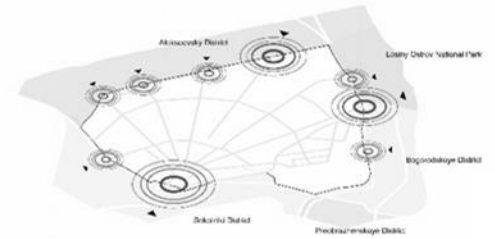
3) Circulation:
Inserts units of diverse program/uses into the structure of existing buildings.



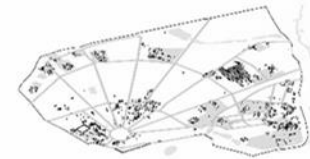
4) Road:
Inserts units of diverse program/uses into the structure of existing buildings.



5) Access:
Inserts units of diverse program/uses into the structure of existing buildings.



6) Existing ground:
Inserts units of diverse program/uses into the structure of existing buildings.



Nature Zone



Existing natural resources in Sokolniki Park



Nature Zone

Culture Zone



Existing heritages in Sokolniki Park

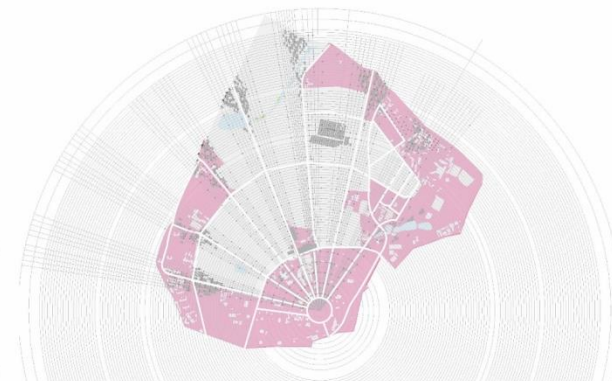


Culture Zone

Leisure Zone



Existing activities in Sokolniki Park



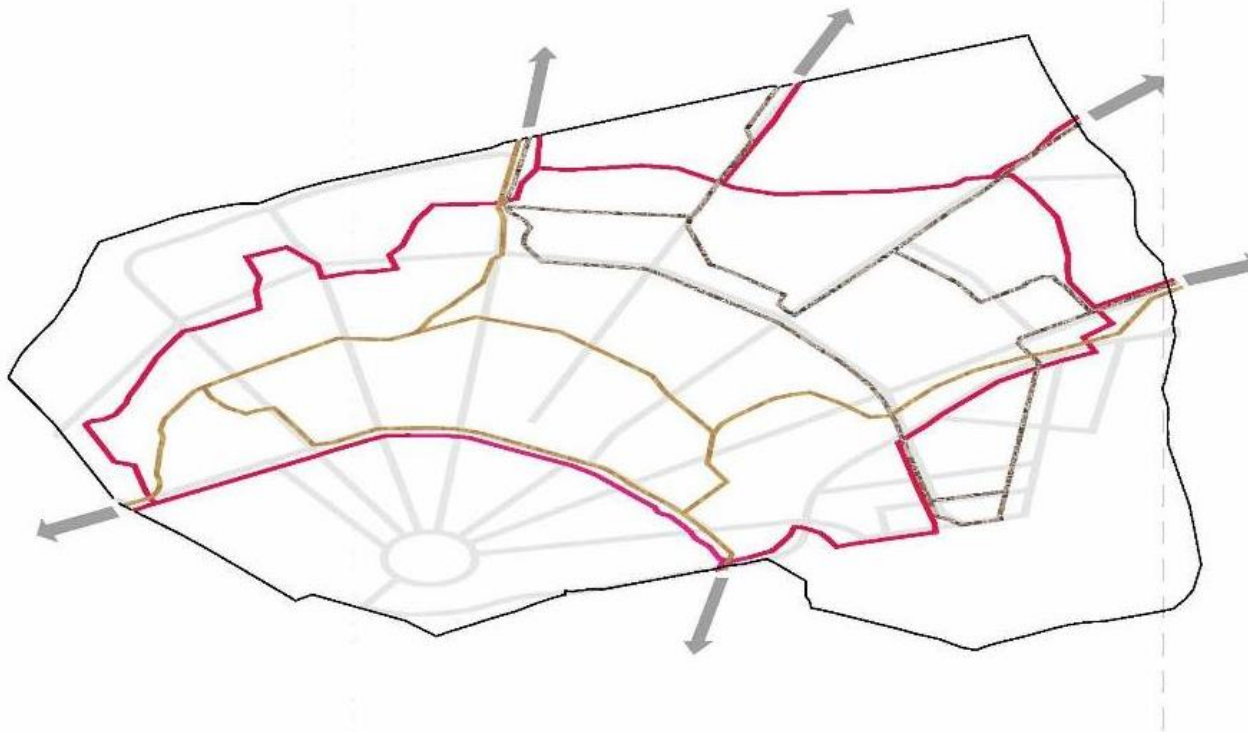
Leisure Zone

Circulation

Transformation: pave, edge and canopy

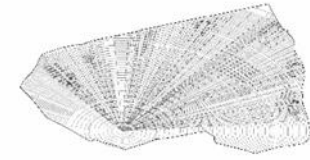
New intervention: 3 loops

paved pathways and three themed loops disclose the park's specific activity and story.

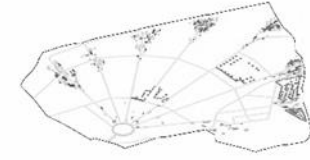


Designed Layers:
Five new designed layers are introduced on top of the existing ground of the site:

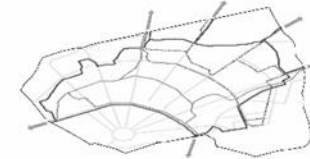
1) Architecture:
Inserts acts of domestic programming into the site's narrative of existing buildings, "inserting new interventions into the site."



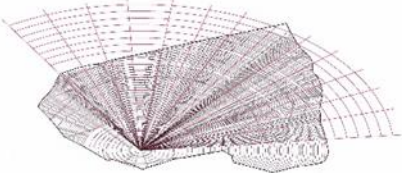
2) Landscape:
Inserts acts of domestic programming into the site's narrative of existing buildings, "inserting new interventions into the site."



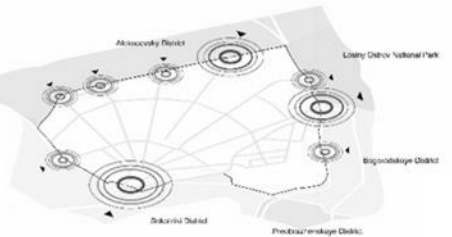
3) Circulation:
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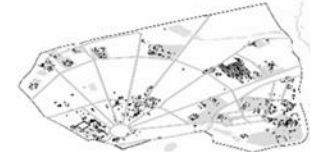
4) Park:
Inserts acts of domestic programming into the site's narrative of existing buildings, "inserting new interventions into the site."



5) Access:
Inserts acts of domestic programming into the site's narrative of existing buildings, "inserting new interventions into the site."



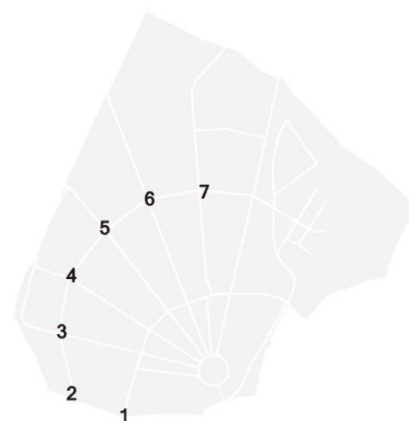
6) Building and
Inserts acts of domestic programming into the site's narrative of existing buildings, "inserting new interventions into the site."



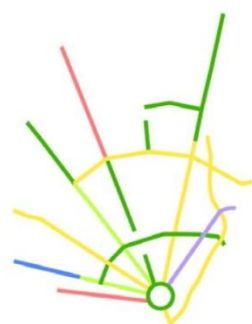
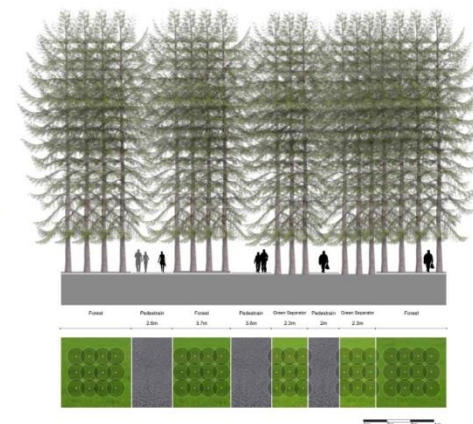
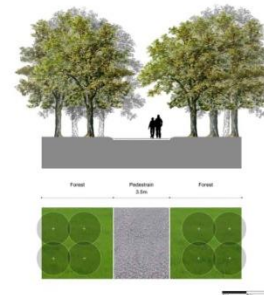
Transformation of the Existing Road

Add different height of ground level plants

Separate pedestrian and bicycle path

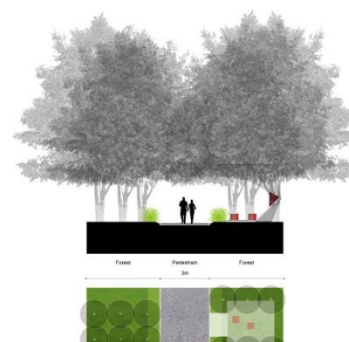


**Existing
Road
Section**

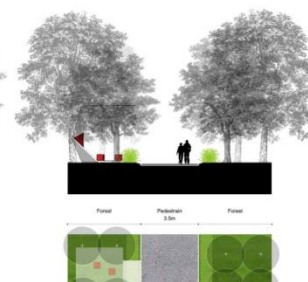


- Birch-dominated
- Larch-dominated
- Poplar- and aspen-dominated
- Maple-dominated
- Elm-dominated
- Pine-dominated
- Oak-dominated
- Fir-dominated

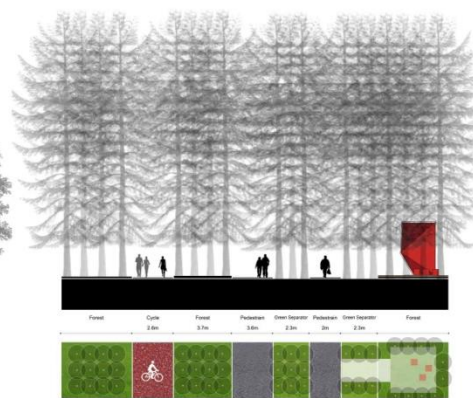
**Design
Road
Section**



Section 1:
preserve existing pedestrian pathway
and create new sheltered resting
spaces along



Section 2:
preserve existing pedestrian pathway
and create new sheltered resting
spaces along



Section 3:
convert 1 existing pedestrian sidewalk into bike lane
and create sheltered resting spaces
along



Transformation of the Existing Road



Section 4:
convert 1 existing pedestrian
sidewalk into new bike lane



Section 5:
convert 1 existing pedestrian sidewalk into a new
bike lane





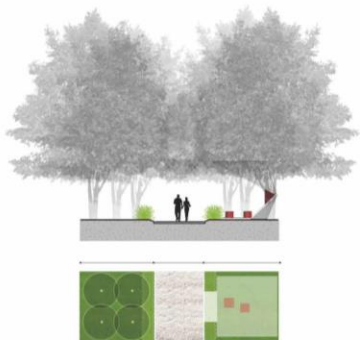
New Intervention: 3 loops

New Intervention: 3 loops

Leisure loop



sand path



Nature loop section

Culture loop



stone pavement path



Culture loop section

Nature loop



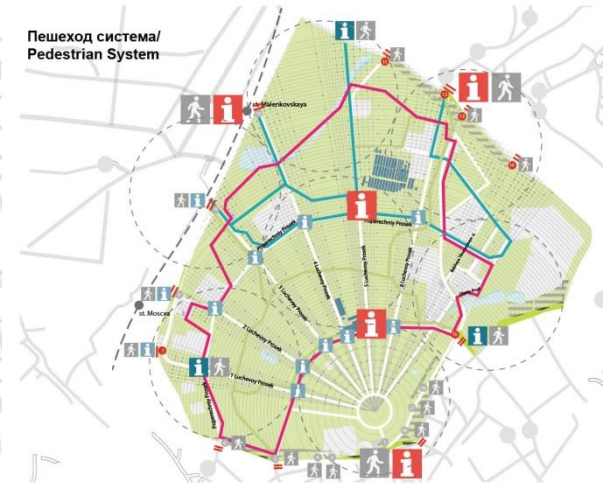
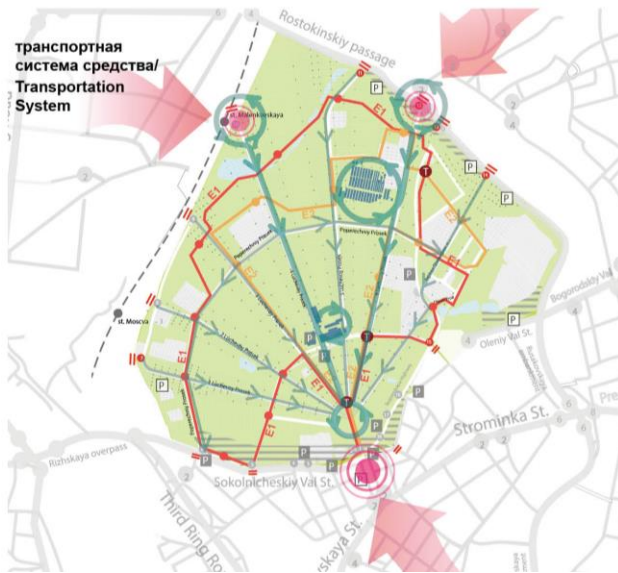
original path with paint



Leisure loop section



Environmental Friendly Circulation



Car Free Park

-Parking lot serve as edge
With electronic cart system service



Bicycle System

Set parking at every entrance and crossings in certain distance
Skate and Sky System



Pedestrian System

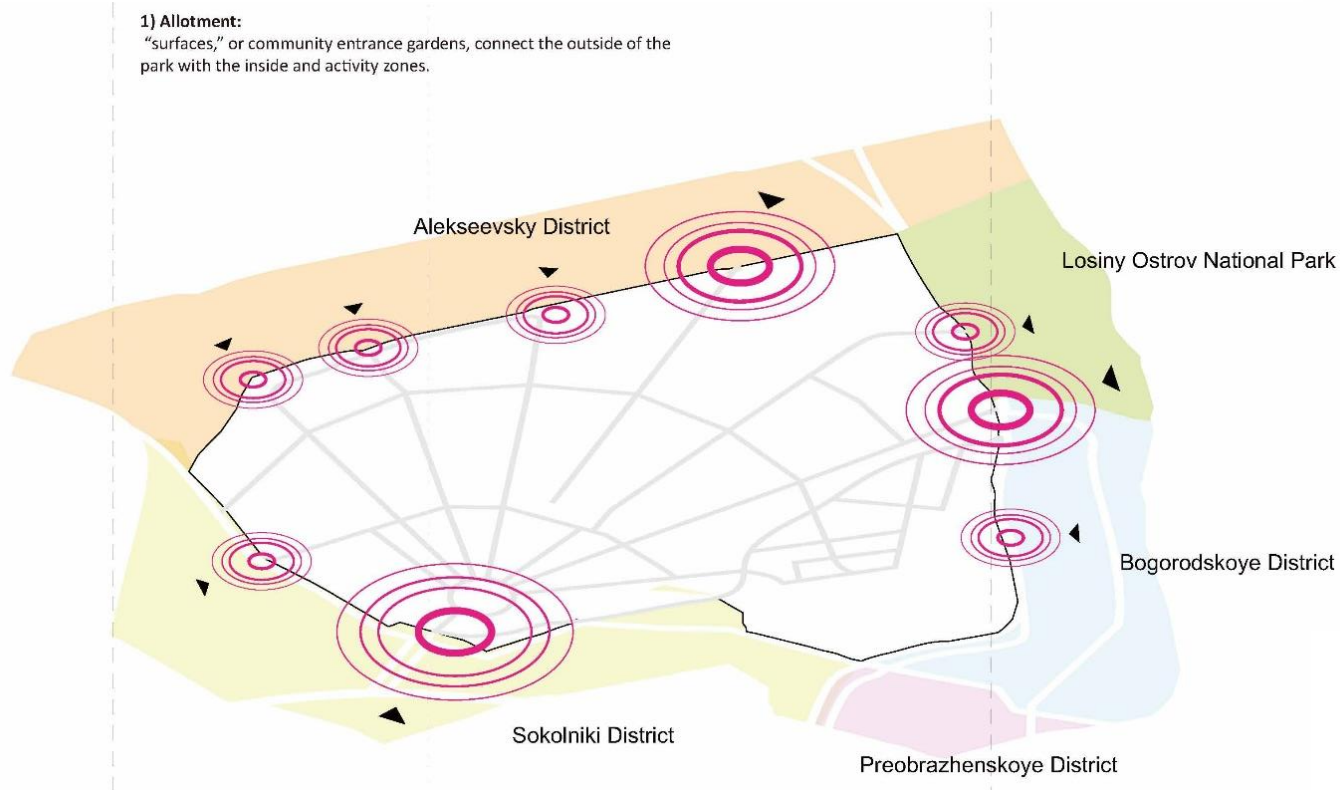
3 Loops + original path



Patches: 10 gardens

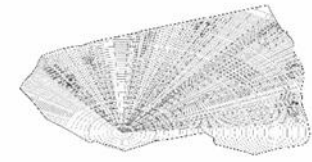
1) Allotment:

"surfaces," or community entrance gardens, connect the outside of the park with the inside and activity zones.

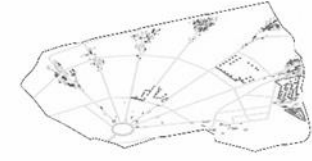


Designed Layers:
Five new designed layers are introduced on top of the existing ground of the site:

1) Architecture:
shows activity of existing buildings and the emergence of existing buildings. "new" are new "connections" and "new" are new.



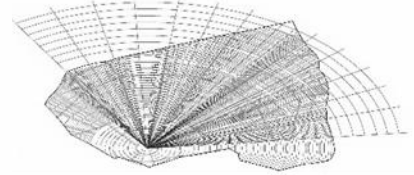
2) Landscape:
shows the layout of existing and new landscape elements, including the layout of the park and the surrounding area.



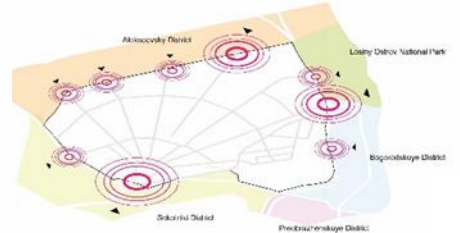
3) Circulation:
shows the layout of existing and new circulation elements, including the layout of the park and the surrounding area.



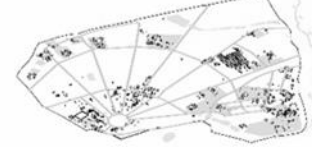
4) Land:
shows the layout of existing and new land elements, including the layout of the park and the surrounding area.



5) Allotment:
shows the layout of existing and new allotment elements, including the layout of the park and the surrounding area.



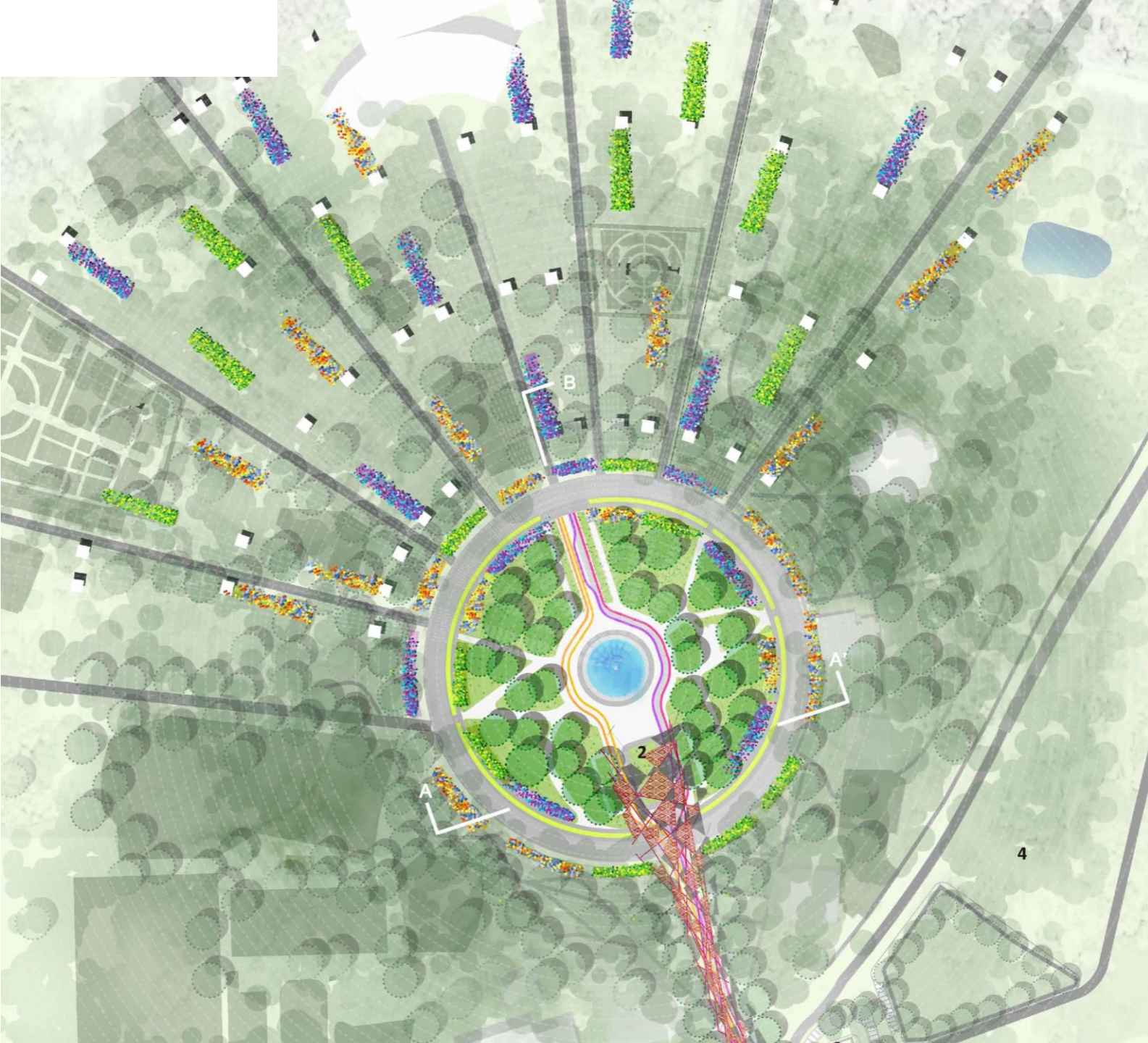
6) Existing ground:
shows the layout of existing ground elements, including the layout of the park and the surrounding area.

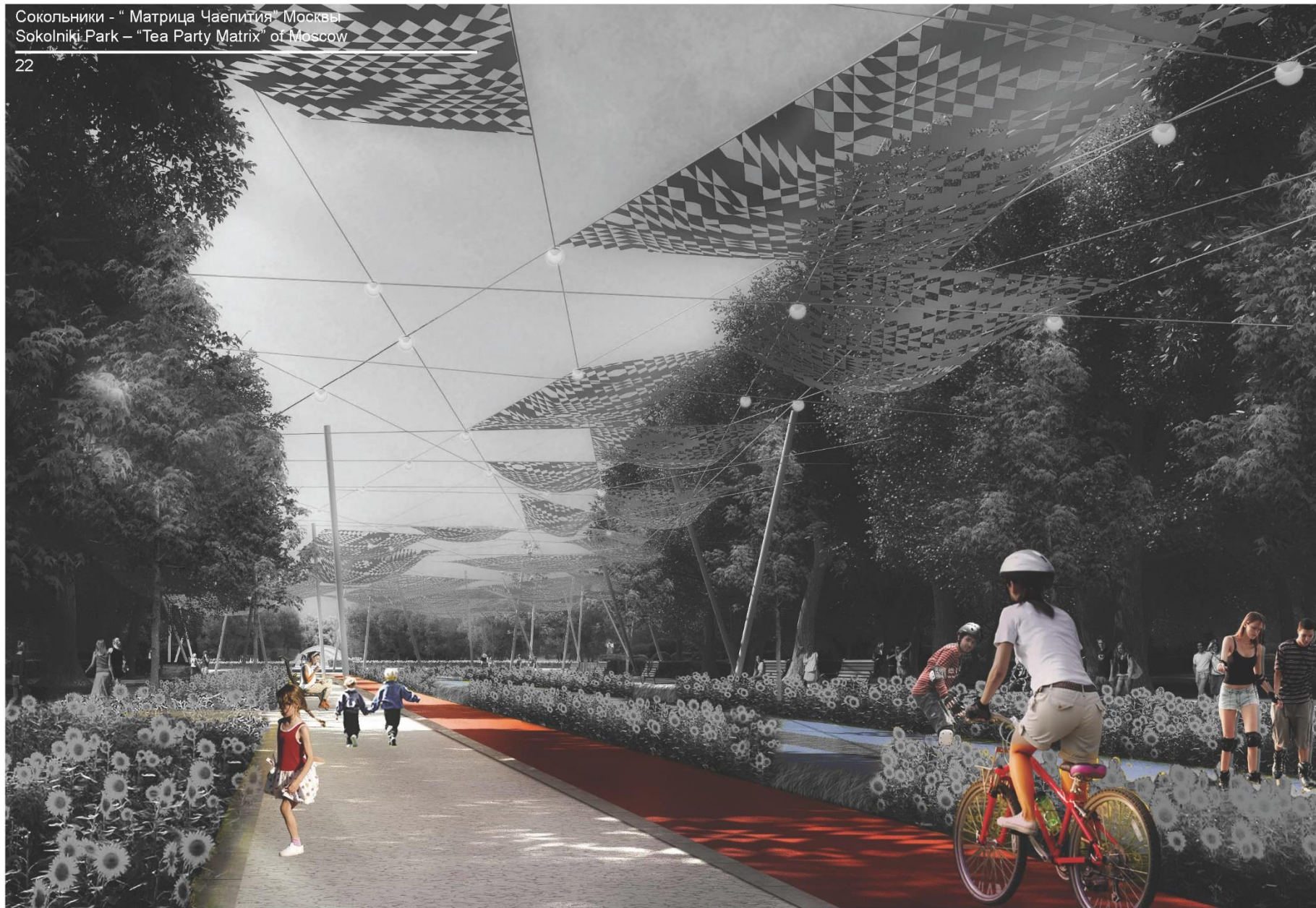


Masterplan



Entrance 1









FLORAL GARDEN TEA PARTY EVENT PLAZA FLORAL GARDEN LAWN BICYCLE SKATING TEA PARTY EVENT PLAZA BICYCLE SKATING LAWN FLORAL GARDEN TEA PARTY EVENT PLAZA FLORAL GARDEN

AA' section



E-CART ROUT EXISTING CORRIDAR PLAZA FOUNTAIN TEA PARTY EVENT PLAZA ENTRANCE CANOPY

BB' section



Expo Garden

- 1 SKI RING
- 2 GARDEN
- 3 FOREST GALLERY
- 4 PARKING LOT
- 5 TERMINAL
- 6 SKATE RENTAL CENTER





Community Garden

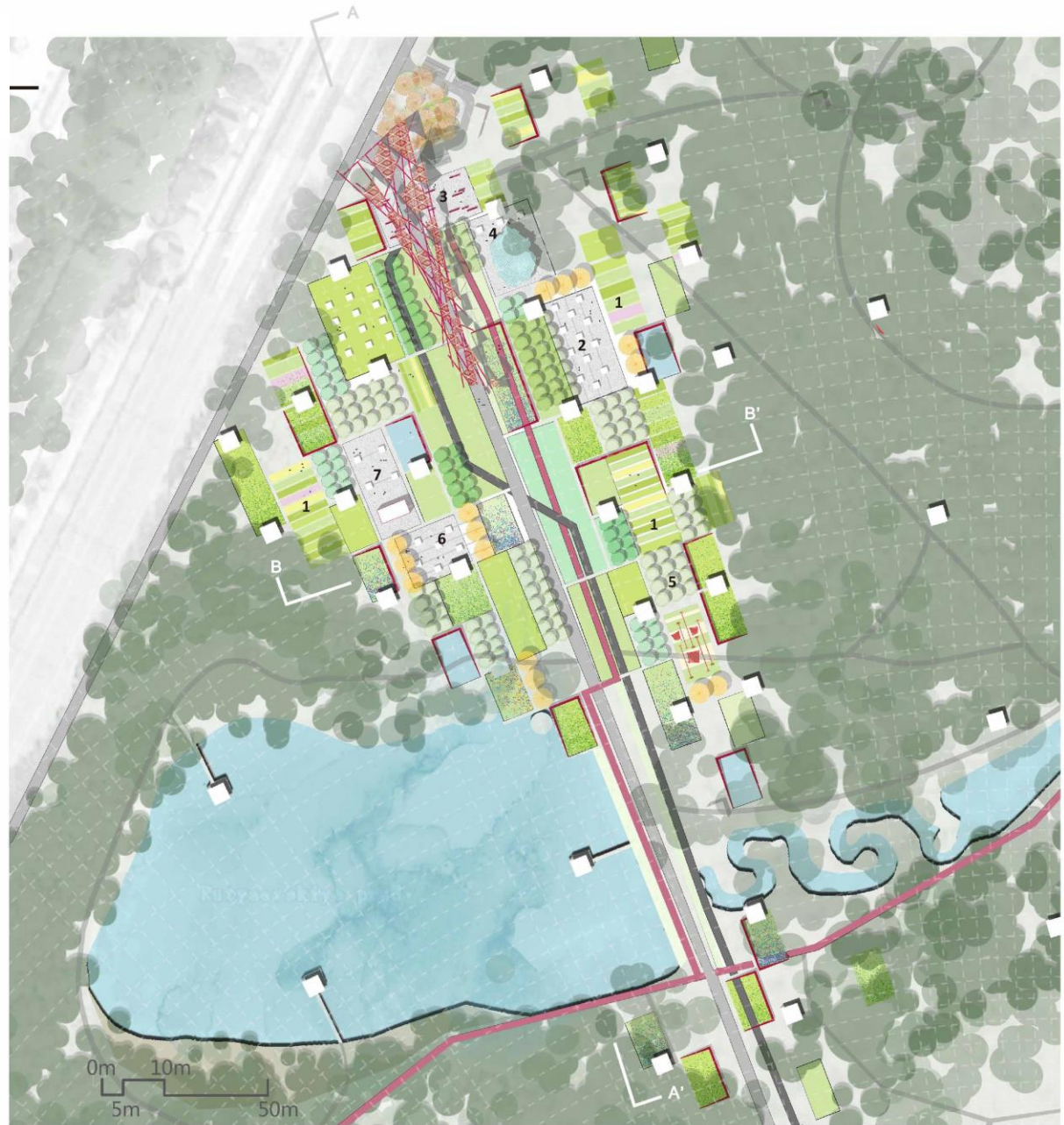
- 1 ALLOTMENT GARDEN
- 2 TEA-PARTY PLAZA
- 3 FESTIVAL PLAZA
- 4 GREEN HOUSE MARKET
- 5 ORGANIC MARKET
- 6 FLOWER MARKET
- 7 ORGANIC RESTAURANT



Social life

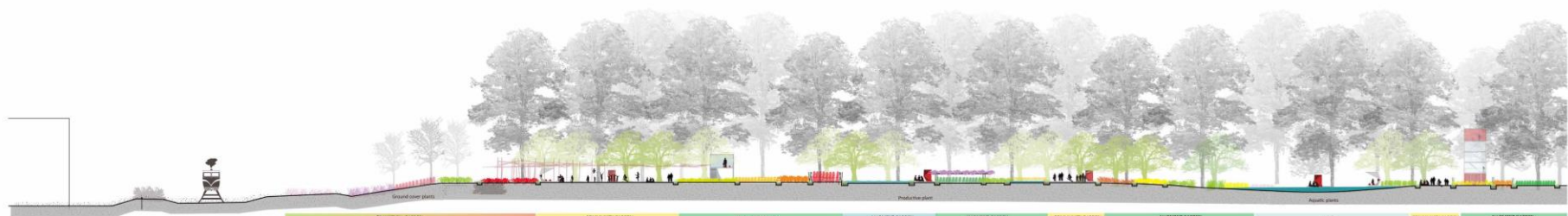
Tea Party in Sokolniki 1910-1917

“people from all levels of society attended its May Day festival. Workers brought their own samovars to make tea, and open-air teahouses began to appear.”

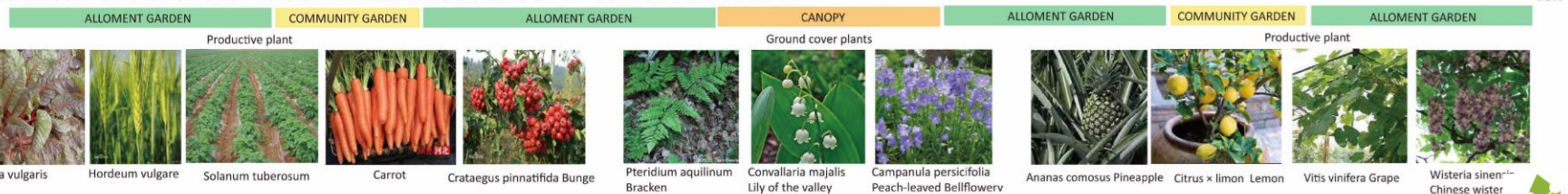








AA' section



BB' section



Children's Playground

children's playground

Nature

Leisure

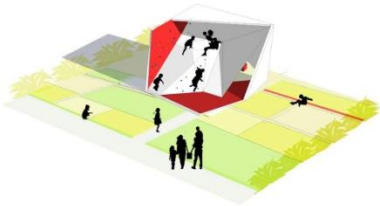
Culture



Camping site



Climbing Experience



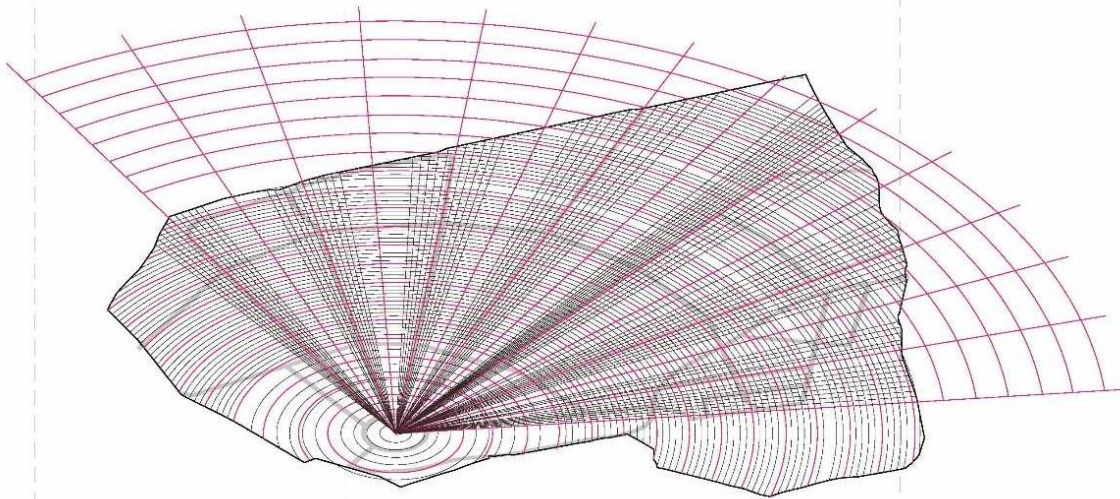
Educational Shelter



Grid: 26x51 coordinates

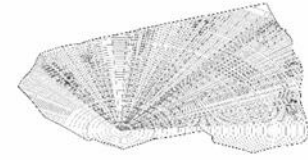
2) Grid:

a unifying masterplan drawn out across the site provides guidance to visitors.

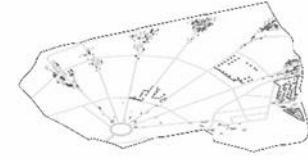


Designed Layers:
Five new designed layers are introduced on top of the existing ground of the site:

1) Architecture:
Inserts areas of elevated programming into the site structure of existing buildings, "inserting new" into existing and new space.



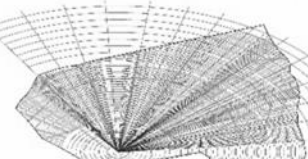
2) Landscape:
Inserts areas of elevated programming into the site structure of existing buildings, "inserting new" into existing and new space.



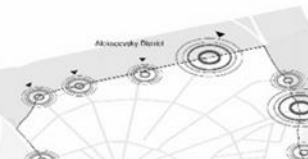
3) Circulation:
Inserts areas of elevated programming into the site structure of existing buildings, "inserting new" into existing and new space.



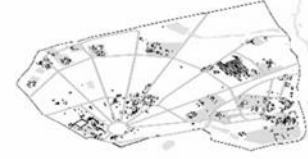
4) Social:
Inserts areas of elevated programming into the site structure of existing buildings, "inserting new" into existing and new space.



5) Access:
Inserts areas of elevated programming into the site structure of existing buildings, "inserting new" into existing and new space.



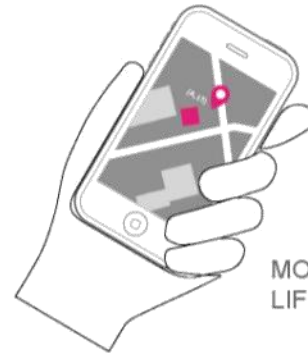
6) Existing ground:
Preserves the existing ground of the site.



TRADITIONAL
LIFESTYLE



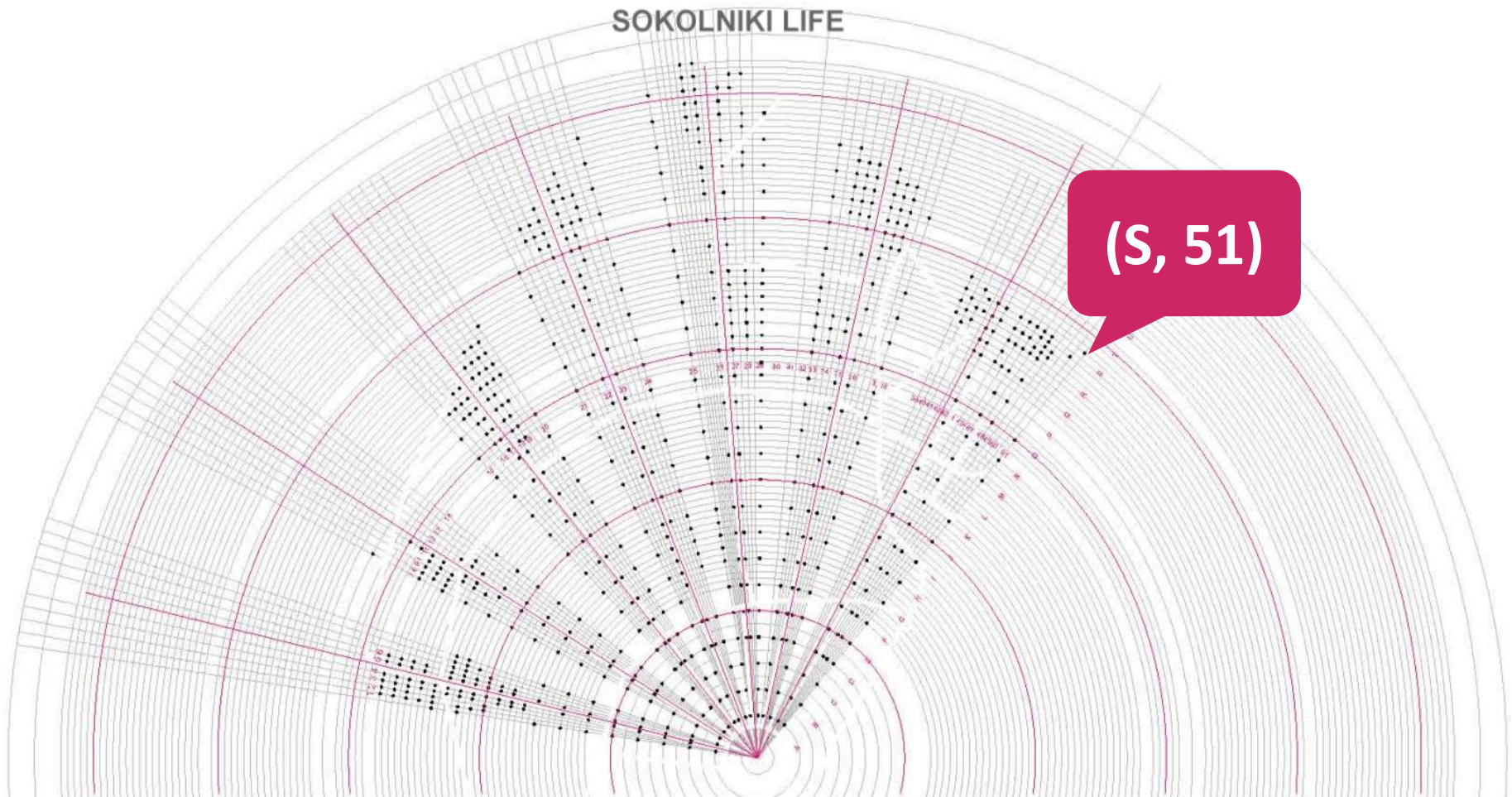
+



MOBILE
LIFESTYLE

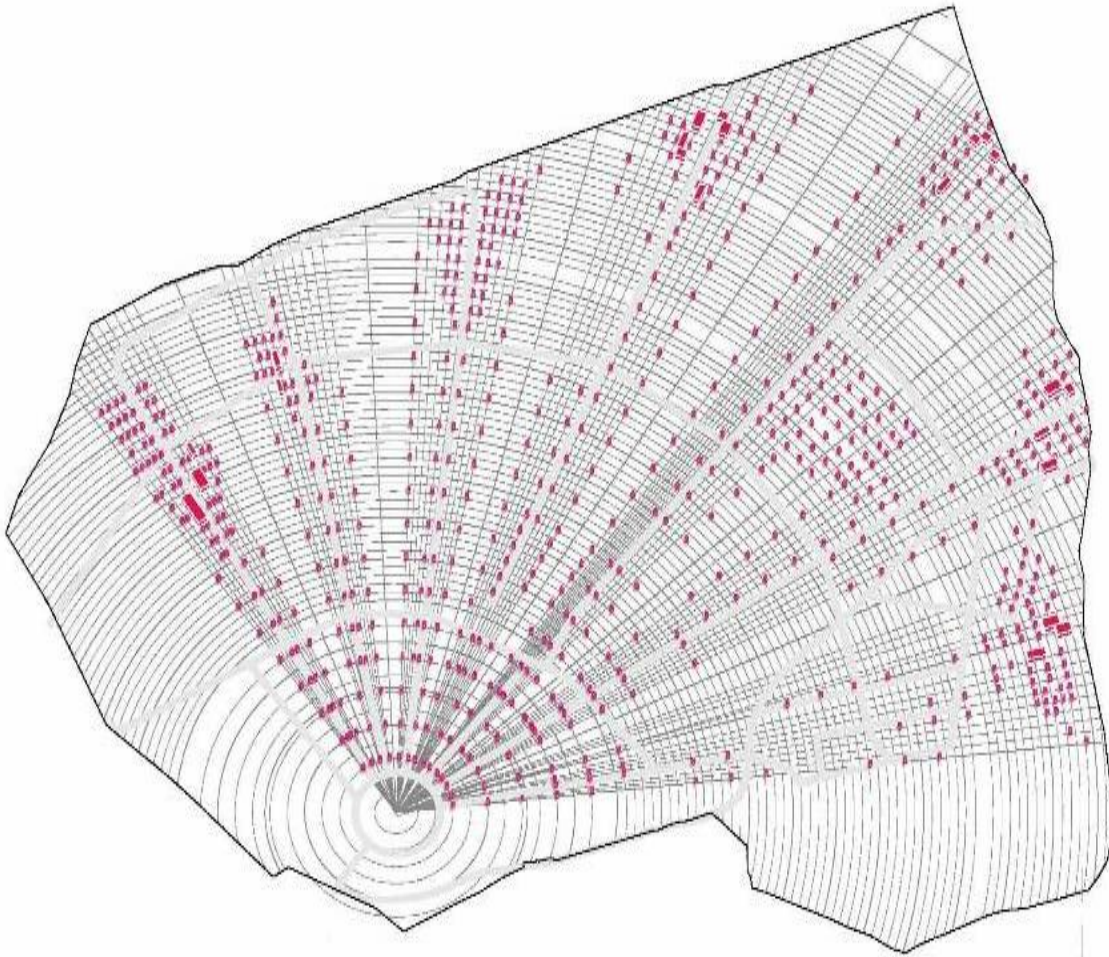
SOKOLNIKI LIFE

(S, 51)



Nodes: 750 boxes

Digitized tradition of gathering

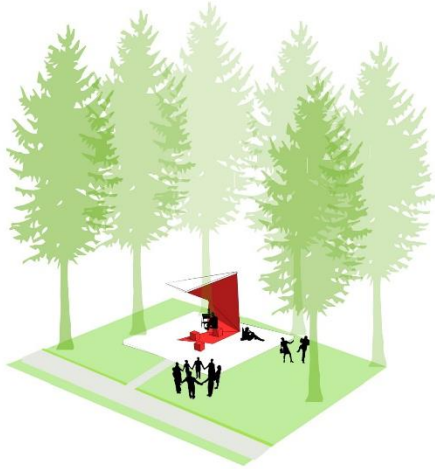






Box of different functions

1) Dedicated Resting Platforms:



Way Finding

2) Shelter Areas:



Resting Area

3) Interior Spaces:



Interior Space

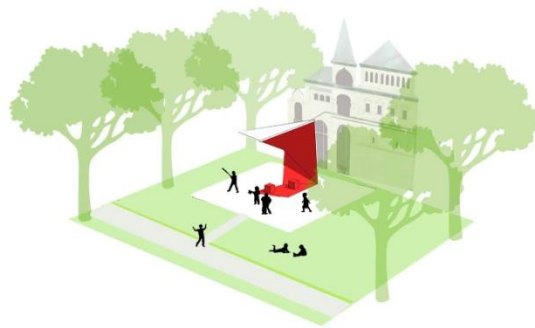
Сокольники - "Матрица Чаепития" Москва
Sokolniki Park - "Tea Party Matrix" of Moscow



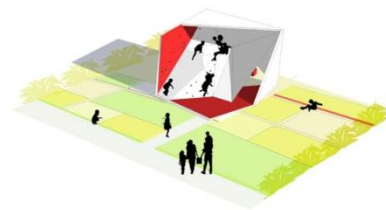
Box in three different zones



Camping site



Climbing Experience



Educational Shelter



Nature



Culture



Leisure

Box serves as lighting system



1) Dedicated resting platforms: Lines

- lighting follows the edges of the platforms and shades in a linear fashion.



2) Shelter Areas: Surfaces

- lighting covers the different surfaces of the pavilion and shades in a pieces.



3) Interior Space: Volume

- lighting from the interior space of the boxes lit up in a soft volumetric manner.

Lighting System Box serves as lighting system



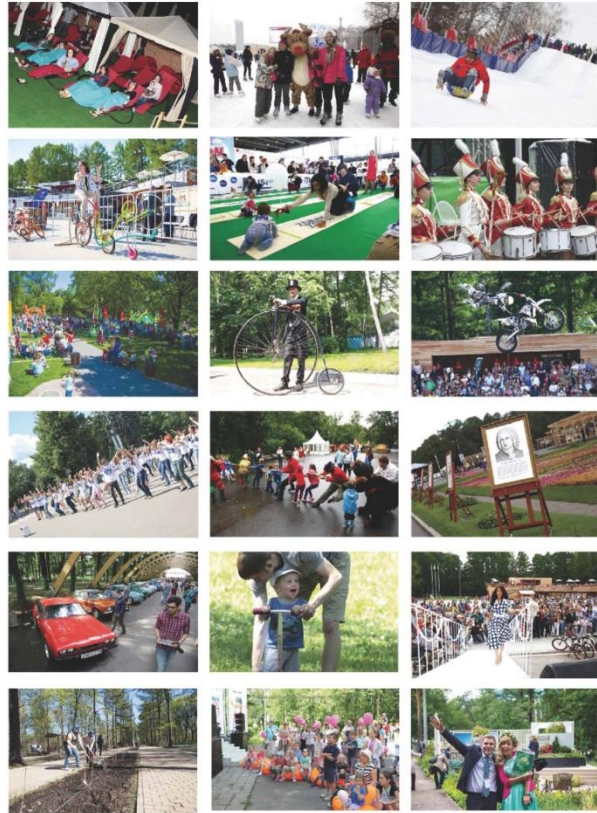


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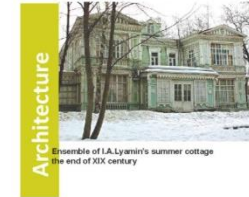
EVENT FILLING

Program derived from history of Sokolniki

existing activity in Sokolniki



DACHA



DANCING



DACHA FARMING

4th radial road:1812
fastest way from city to forest

TEA PARTY

INTERNATIONAL EXPO



OUTDOOR ADVENTURE

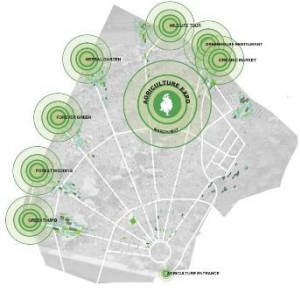
ART

All the current scheduled programs throughout the calendar year will be retained in order to maintain current visitor habits and attendance rates. The "Tea Party Matrix" acknowledges the diversity and excellence of existing functions, but recommends a clear system to help users identify them in order, categories, and seasons. The newsworthy activities and event calendar can be reinterpreted as a circular calendar with three concentric rings that correspond to different program types.

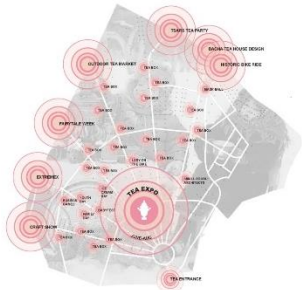
Park Event Programme selection
Based on our research of Solkoniki's history

Art, Tea party, Dacha Farming and etc.

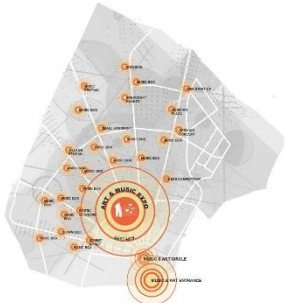
All Year Round Event Filling



Spring:
Green Festival



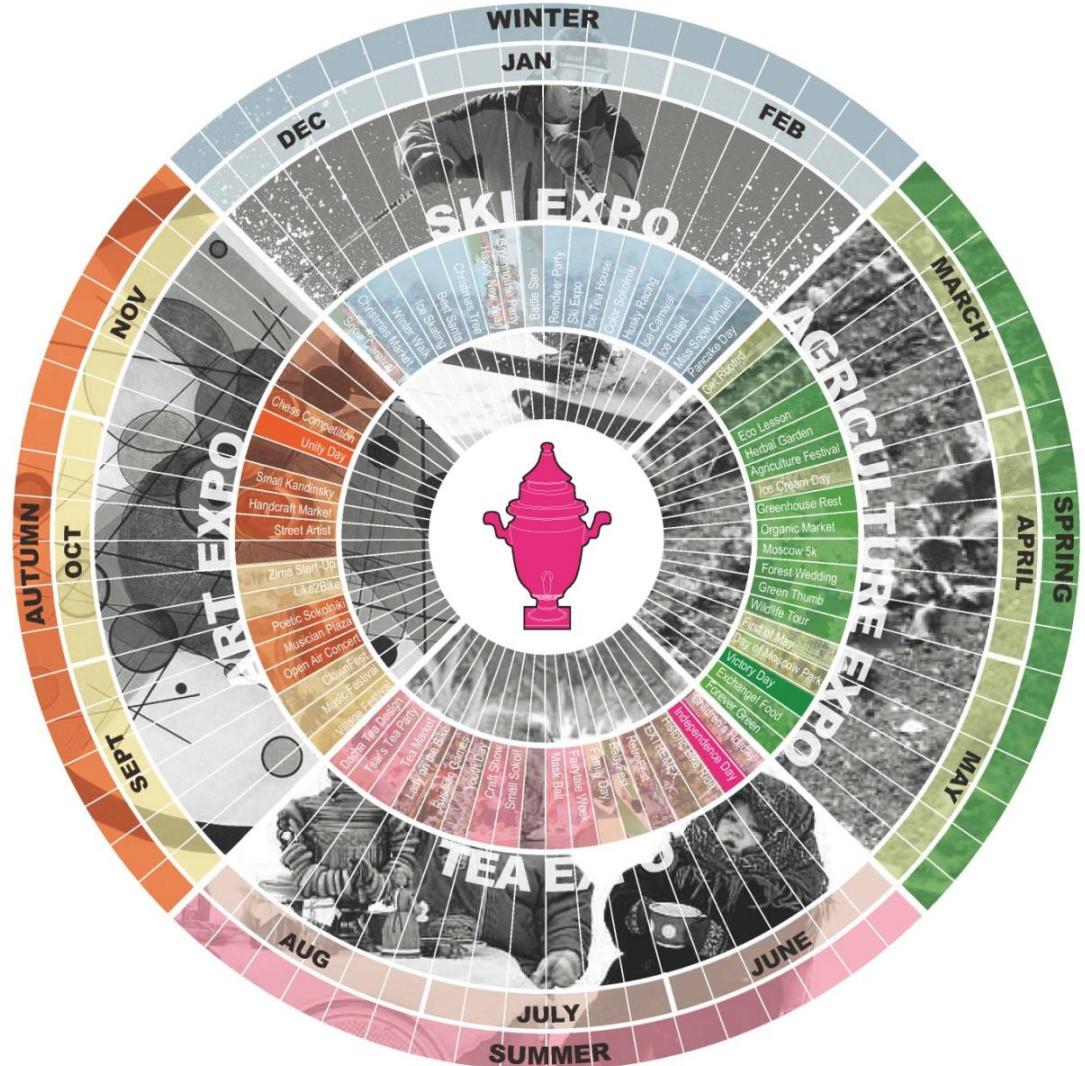
Summer:
Tea Party Expo



Fall:
Art Festival



Winter:
White Carnival








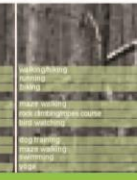


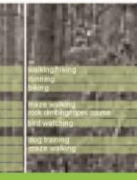



















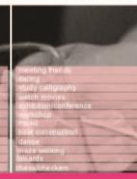






































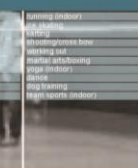
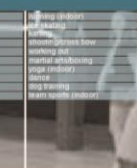


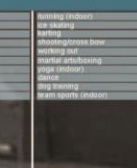
All Year Round Daily Activity

NATURE

CULTURE

LEISURE

JAN FEB MARCH APRIL MAY JUNE JULY AUG SEPT OCT NOV DEC

DAY	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
NATURE												
NIGHT												
CULTURE												
NIGHT												
LEISURE												
NIGHT												



[illegible]

Functional Zoning of Summer

the exterior area of the whole park will filled with vitality

Схемы функционального
зонирования территории
Летний Период/

Territory Functional
Zoning Scheme
Summer Period



Парк Зеленая Зона/ Park Green Area



Сад нового стиля/ New created Garden



коробки рядом с инфраструктурой/
Boxes along Infrastructure



Functional Zoning of Winter

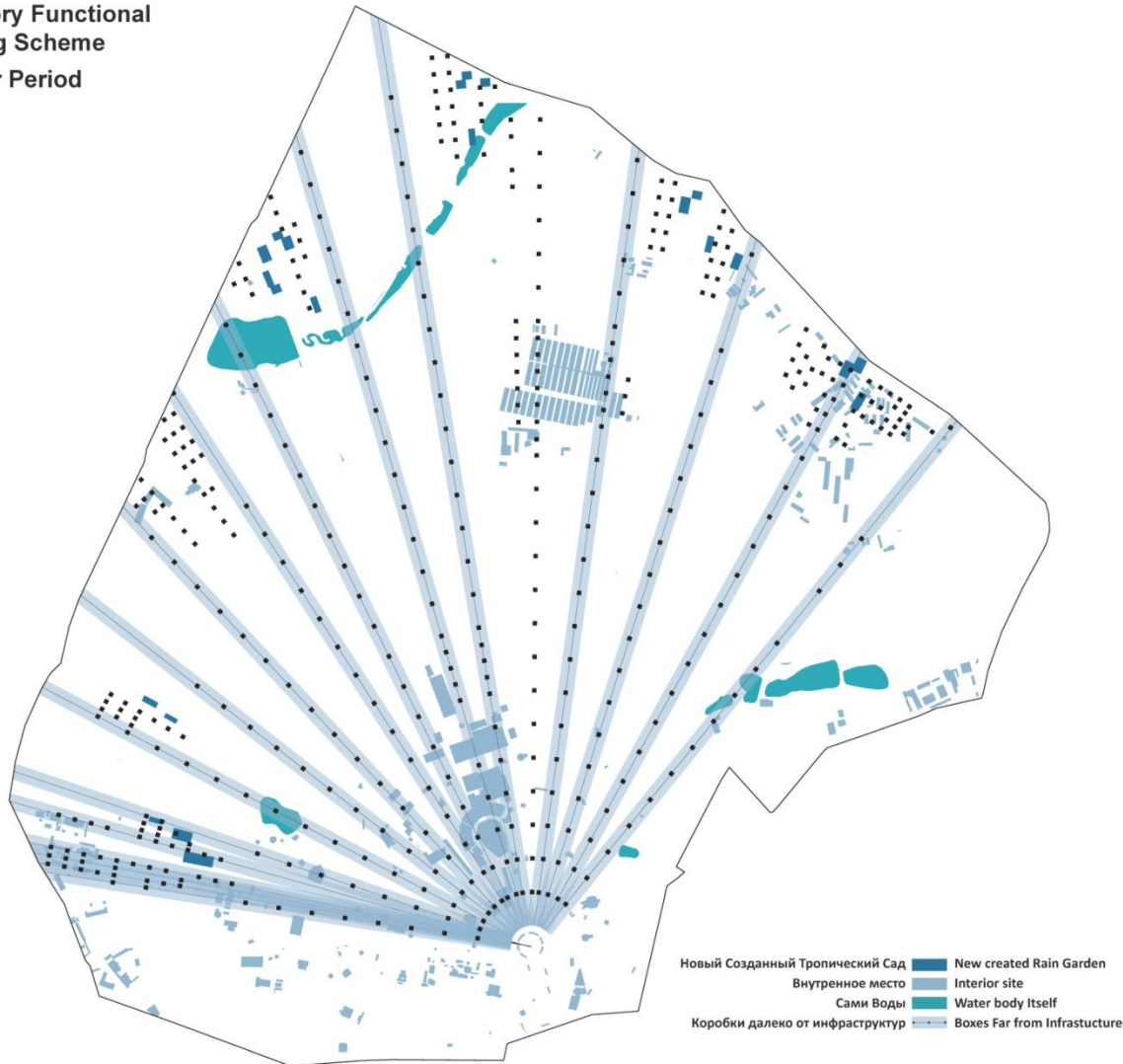
the interior area and winter resort will filled with vitality

Схемы функционального
зонирования территории

Зимний Период/

Territory Functional
Zoning Scheme

Winter Period



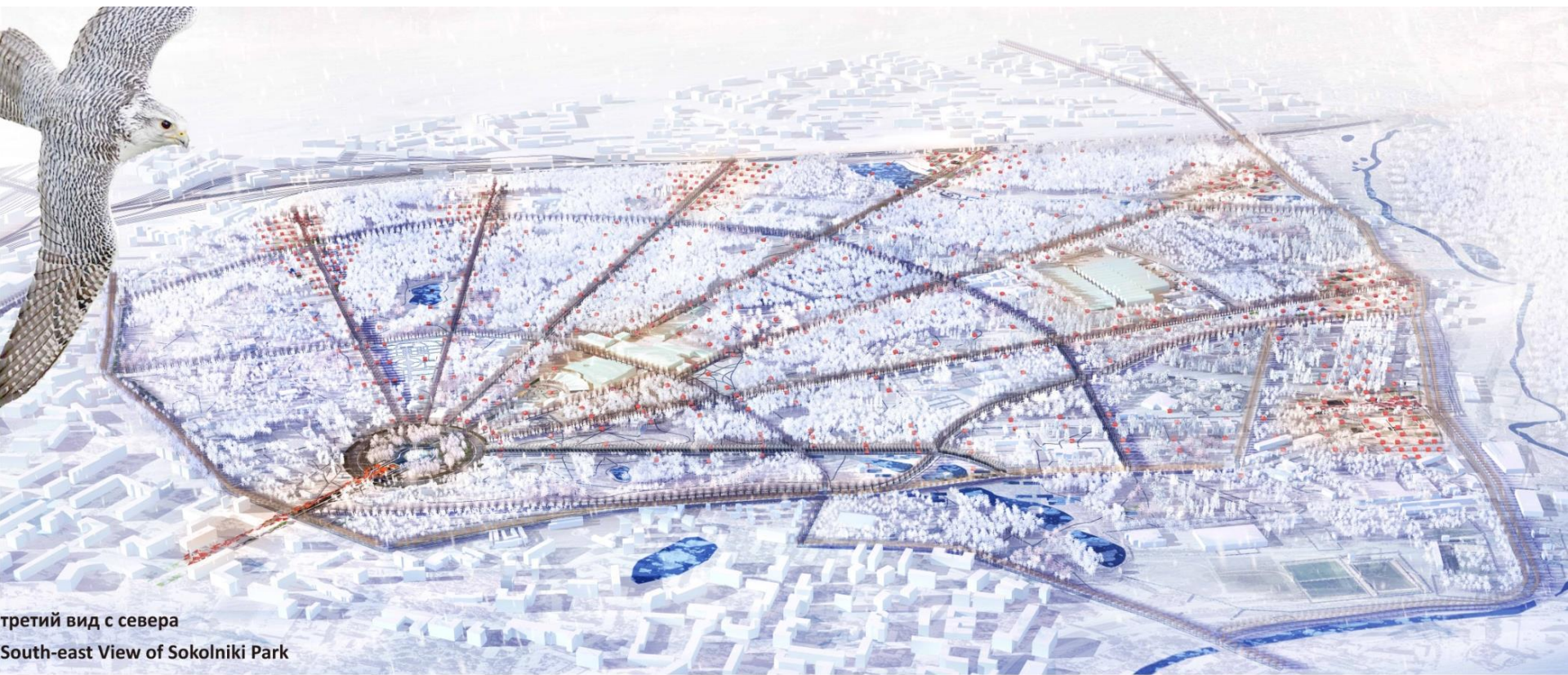
Новый Созданный Тропический Сад /
New created Rain Garden



Сами Воды / Water body Itself



Коробки далеко от инфраструктур/
Boxes Far from Infrastructure



третий вид с севера
South-east View of Sokolniki Park



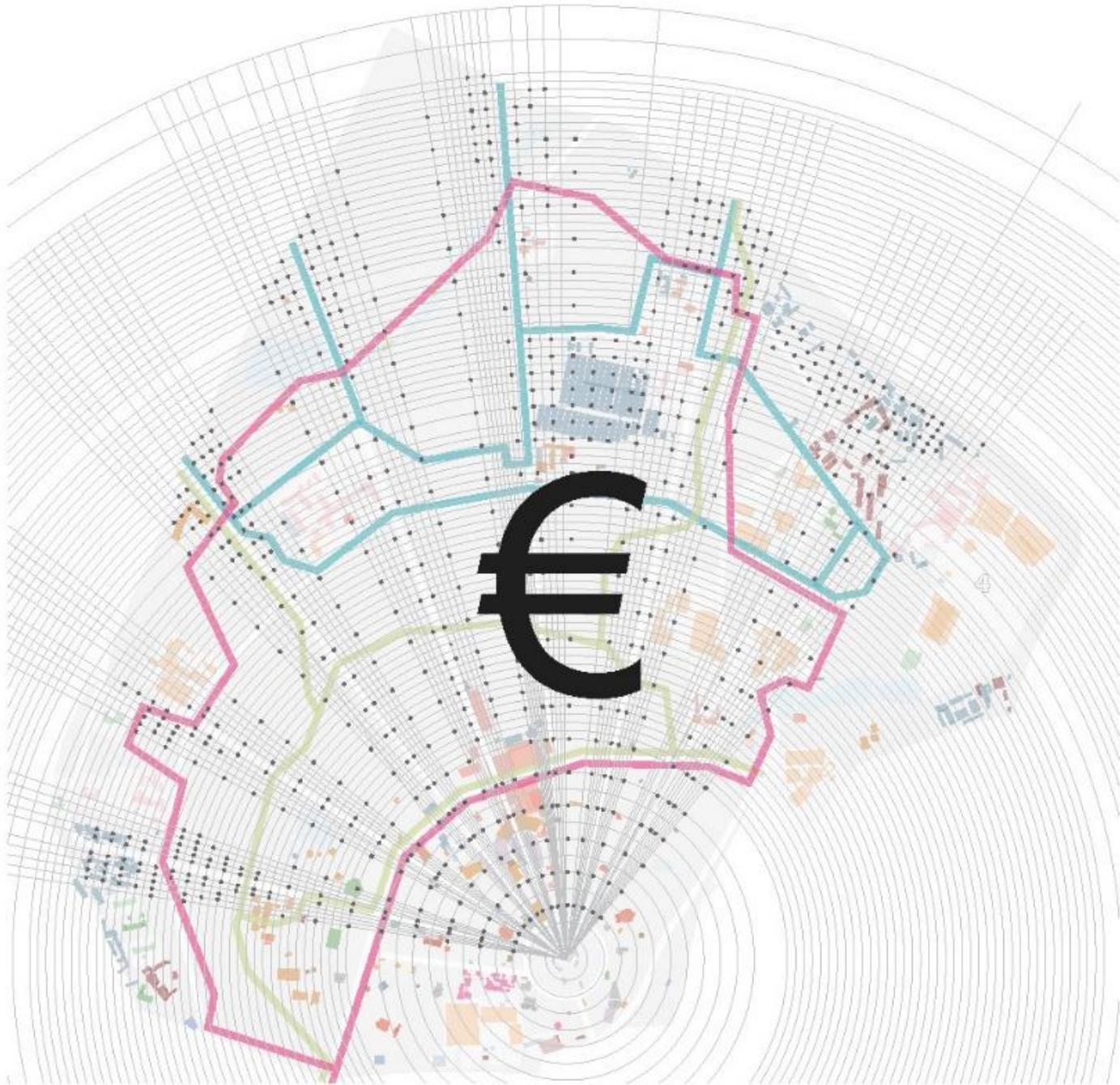
6

ECONOMY

Minimum construction cost

Low maintenance cost

Maximum income



A new model: public-private partnership

Traditional Approach

Public Sector

- Specifies service required
- Designs facility
- Finances construction
- Operates asset



Private Sector

- Builds asset

PPP Approach

Public Sector

- Specifies service required
- Pays for use of asset (once operational)



Private Sector

- Designs facility
- Finances construction
- Builds asset
- Operates asset



End Users

- Pay for use of asset

Note: There are various models of PPP

Different partnerships at different scales

Small Scale:
Hotel



1) Small = Individual

Medium Scale:
Tea Company

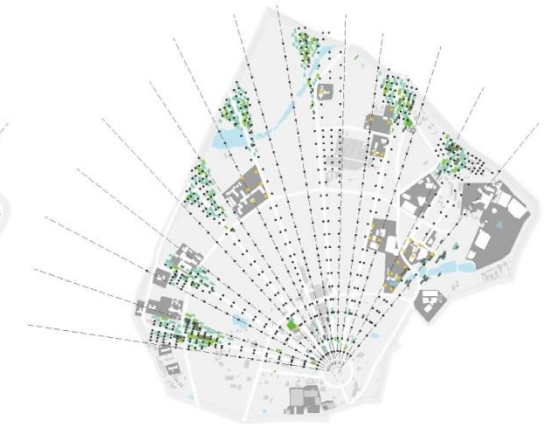
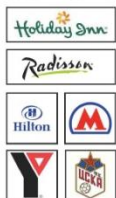
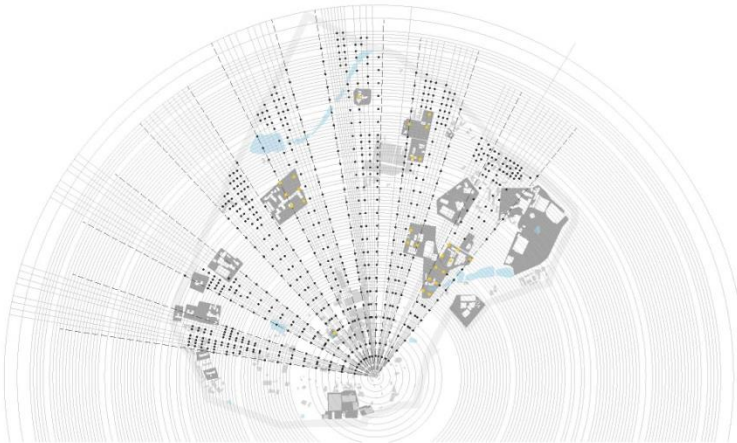


2) Medium = Community

Large Scale:
Nature Foundation



3) Large = Whole Park



Minimum intervention to maximize income at different scales



Box Catering



Greenhouse Restaurant



Expo Center



Minimum intervention to maximize income at all seasons



Community Garden



Traveler Transportation



Forest Camping site



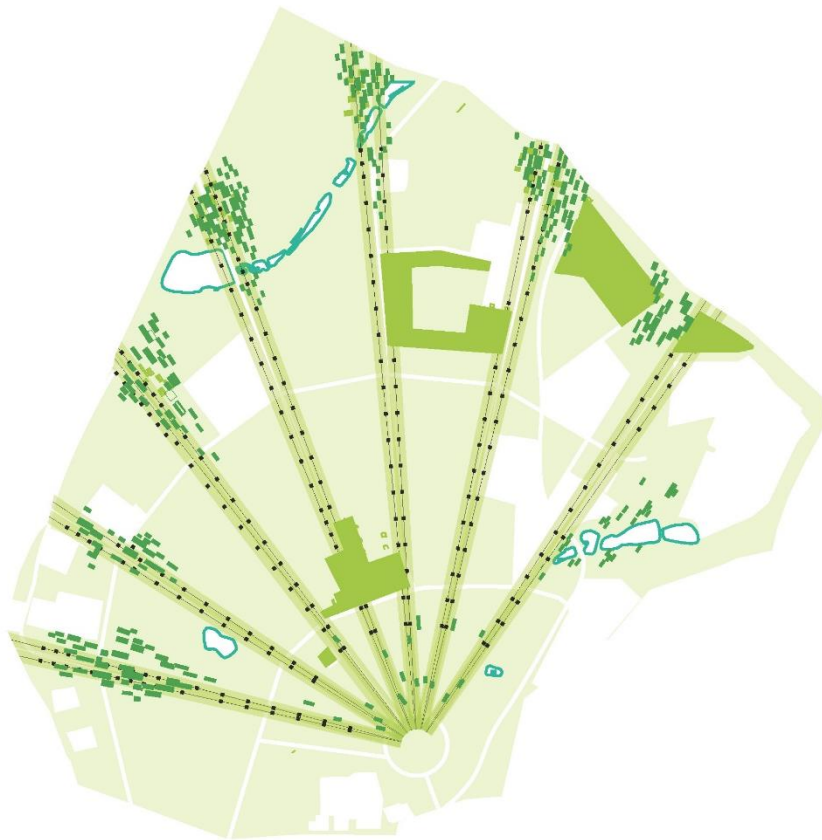
Greenhouse restaurant



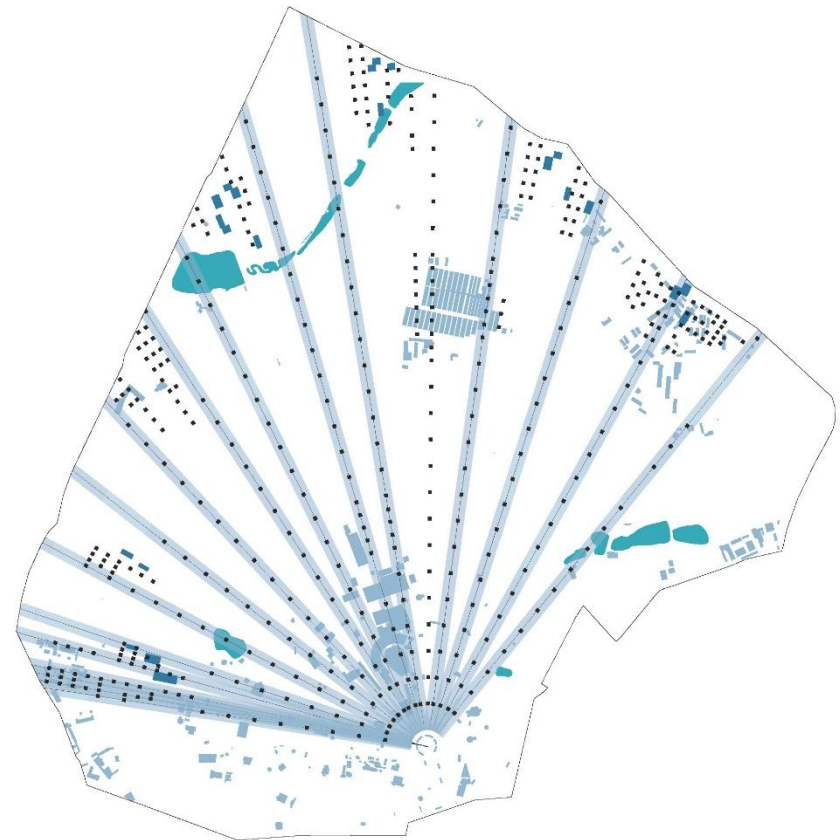
ice lybrinth



Ski Rental



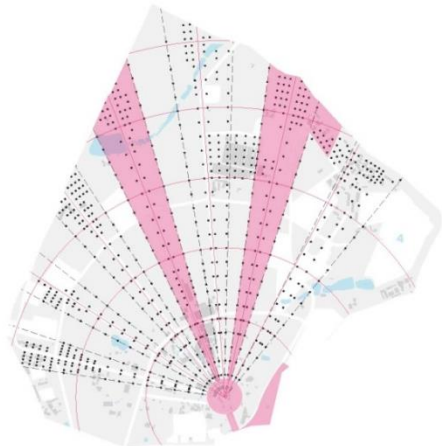
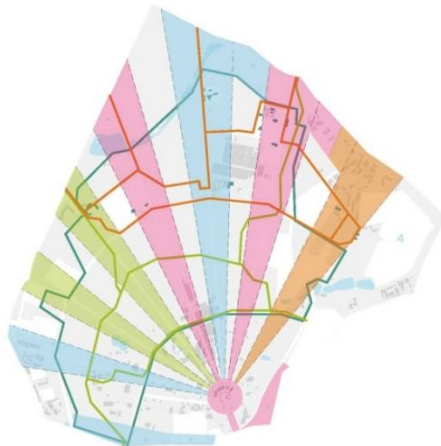
Summer Activities



Winter Activities

Phasing 2030 Sokolniki Park Development Plan

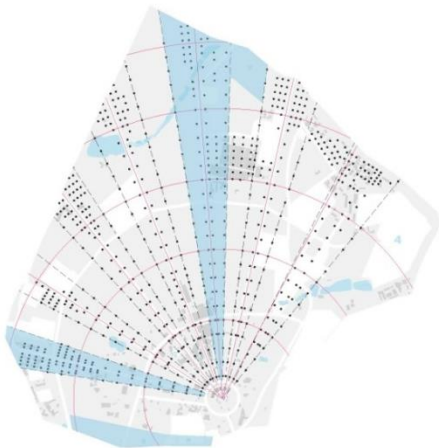
Phasing
2030 Sokolniki Park development plan



Phase 1



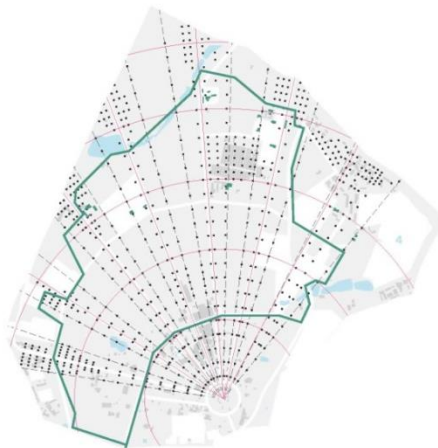
Phase 2



Phase 3



Phase 4

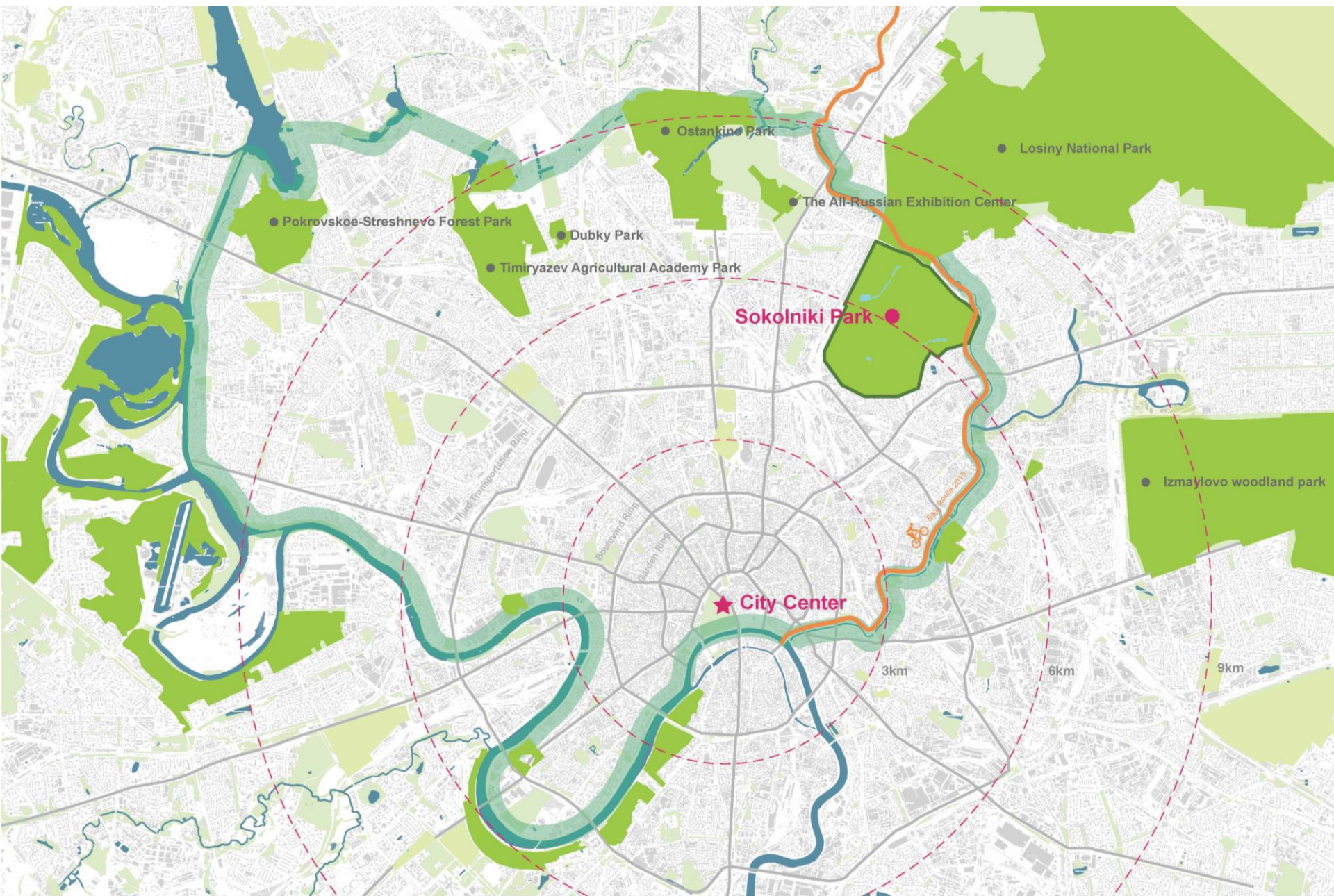


Phase 5

7

ADVANTAGE:

A unique position
A replicable model



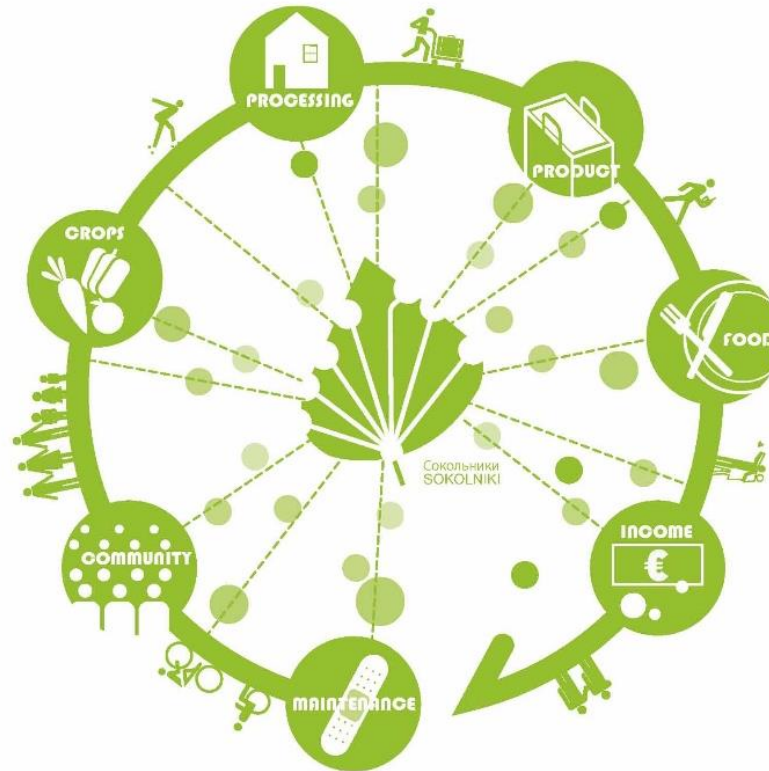
Park Comparison in Moscow

Park Name	Category	Time	Area	Resource	Activity & Event	Position
Sokolniki	Recreational park Historic Botanical	1878	515.7 HA	Sports, dacha cottages, recreation	Ice skating, skiing, biking, community event	Monument of Garden-park
Losiny Ostrov national park	Woodland park Natural reserve Botanical gardens	1983	11621 HA	Environmental center, festival & exhibition, museum	Elk path route, educational excursion, hiking	Urban National Park
Izmaylovo Woodland park	Woodland park Natural reserve Botanical gardens	16th Century	300 HA	Tsarist residence, vineyard, bee-garden, lake, zoo	Sport activities, cafe, open air cinema, carnival rides	Open Air Museum of Moscow
Gorky park	Activity park, architecture, open-air	1928	120 HA	18th century buildings, amphitheater	House of Artists, Graveyard of Fallen Monuments	World Famous Soviet Avant-Garde & Constructivist Architecture
Ostankino Park	Cultural park, historical, international	18th Century	300HA	Egyptian & Italian pavillion, Trinity Church	Classical music concerts	Third Largest Wooden Structure in the World
All-Russian Exhibition Center	Historic, memorial park, open air museums	1935	136 HA	Ferris Wheel, cosmonautics museum, soviet pavillion	Agriculture exhibition, international trade expo, street market	Post Soviet Expo Site of Moscow

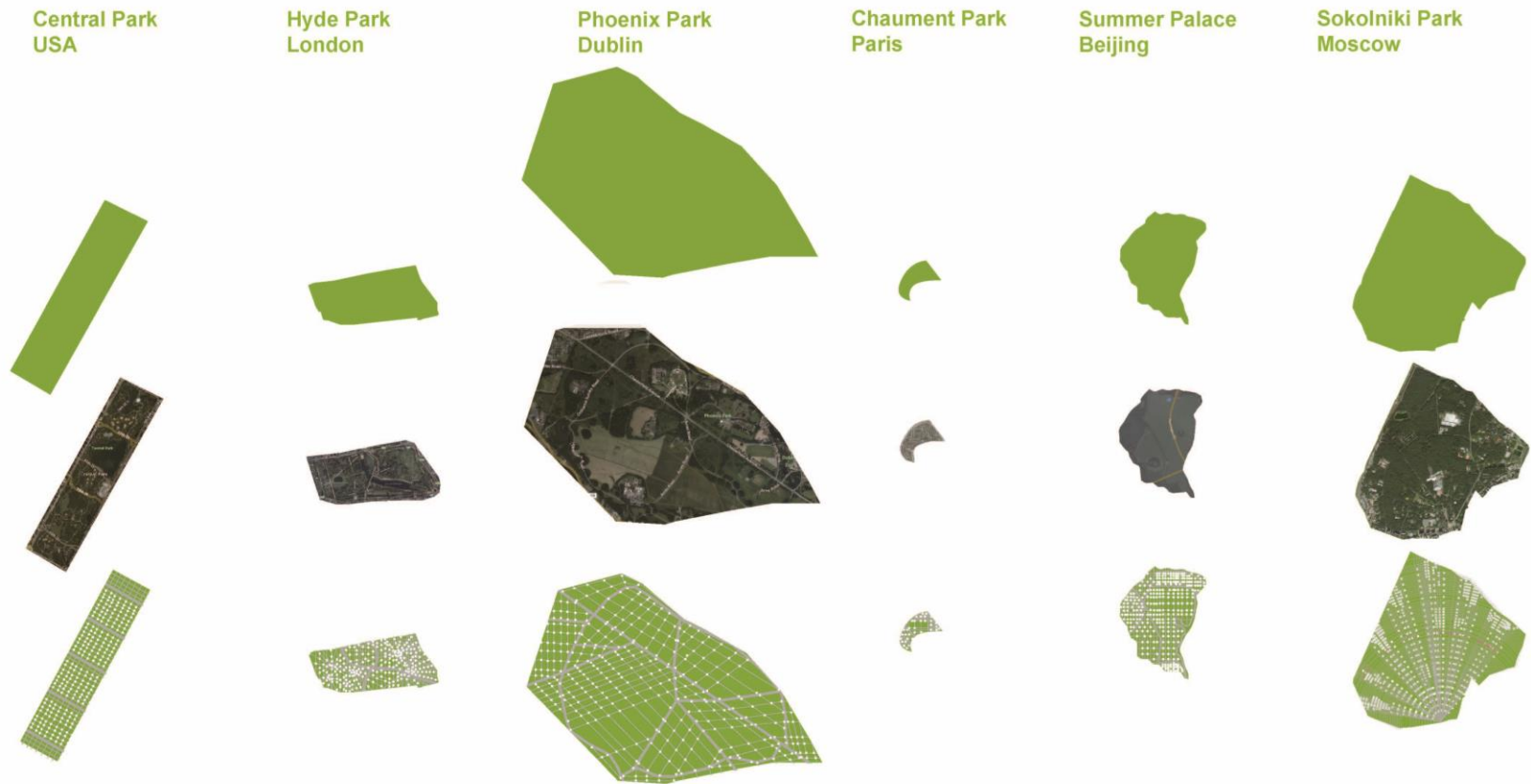
isidered to be the largest a city refuge focused on lutanment development. ng parks in Moscow such ark, Izmaylovo Woodland Park, and the All-Russian heritage, exhibition, and Park has its own identity. is similar to to Izmaylovo ndance of forest, but the o parks are fundamentally c was established as wild Izmaylovo is a manmade

The Sokolniki Park is positioned as an urban samovar containing the essence of Russian's lifestyle by respect the site historical memory, retrieve the Dachniks tradition lifestyle with tea-culture, and reinterpret the future leisure lifestyle for people in the digital customization era.





“The Tea Party Matrix” of Sokolniki Park is a self-sufficient system



Sokolniki Park is the first park that use “The Tea Party Matrix”



“Tea Party Matrix” is the living mechanism to reconnect individuals with nature, culture, and activities, positioning Sokolniki Park as a unique cultural landscape for Moscow, Russia, and the world.



Сторонний вид с юга-запада
South-west View of Sokolniki Park



Сокольники
SOKOLNIKI



土人设计
TURENSCAPE