

SAVSKI SQUARE

AND TRAVNICKA SQUARE

CONCEPT DESIGN

BELGRADE SERBIA
1TH MARCH 2019

INDEX CONTENT

CONCEPT DESIGN.....	3
THE MODERN CITY.....	5
THE WHEEL OF THE TRAIN.....	9
THE COGS OF TRAIN.....	12
RADIAL AND CONCENTRIC GEOMETRY.....	15
ROMAN THEATRE.....	19
THE PODIUM.....	25
COORDINATION WITH TRAFFIC INFRASTRUCTURE.....	36
TRAM TRACKS.....	34
THE MASTER PLAN	41
STEFAN NEMANJA STATUE	64
LANDSCAPE.....	68
HANDSCAPE.....	72
STEETSCAPE AND EQUIPMENT.....	88
LIGHTING STRATEGY.....	99
WATER FEATURE.....	103
SOFTSCAPE.....	107
EVENTS	118
AREAS FOR SOCIAL INTERACTION	127
THE RAMBLA.....	134
PHACES OF SAVSKI SQUARE.....	139
VIEWS OF THE SAVSKI SQUARE.....	143
TRAVNICKA SQUARE.....	159
ESTMATED BILL OF QUANTITIES.....	166



CONCEPT DESIGN

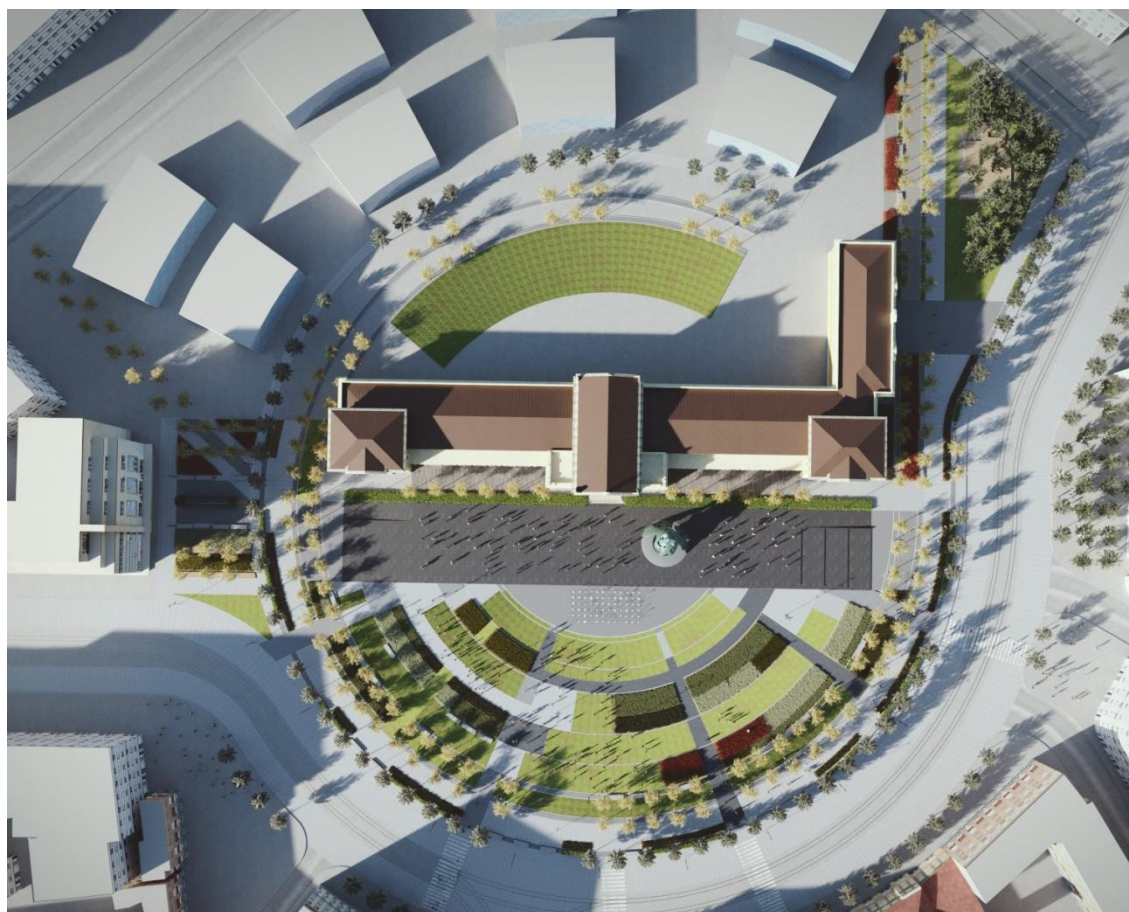
THE SAVSKI SQUARE CONCEPT DESIGN

The following report follows the development of the winning Competition Design by Fenwick Iribarren Architects into the further stages of design development.

The project looks to really consolidate a design for one of the largest and most prominent urban spaces in the City for Belgrade. The main issue in this early stage was to decide on the position of the new Stefan Nemanja Statue and this was considered to be best on the podium in front of the old train Station and slightly to the right.

This position is conditioned by the underground facilities of the Metro and the pump station which will create many spaces underground with serious limitations of weight.

The design is developed faithfully following the guidelines of the Competition but firmly deciding on hardscape materials, and all the softscape trees and shrubs.





THE SAVSKI PLAZA AND THE MODERN CITY

THE SAVSKI SQUARE RESPONDS TO THE NEW BELGRADE

Even though the Brief of the project does not require that the rear of the Station be designed, the project team feels that the urban space behind the station and in front of the station **MUST** be a unique and solid design.

The new urban axis of the streets of the urban fabric arrive at the station rear façade or side facades, and also access the front of the stadium .

The design allows that the concentric and radial geometry of the Savski Plaza can surround the old Station building, and the new building, with the new use of MUSEUM, almost becomes a **MONUMENT** in the centre of the Plaza.

The road axis which are radially leaving the Savski Sqaure can relate the square to the major monuments which are in the new Waterfront development, especially the iconic KULA BELGRADE .

In this way the SAVSKI SQUARE becomes a true urban hub, around which the old and the new city expand.



PLAZA RESPONDS TO CITY FROM ALL SIDES

THE PLAZA looks to extend the Brief of the competition to allows the design to fully go around the Station and therefore all the avenues and streets which arrive to this area are taken into account in the design.

In this way the Plaza can in the future respond to both the OLD CITY and to the NEW CITY.

OLD CITY AXIS



NEW CITY AXIS



NEW CITY

OLD CITY



NOTES:



REV.	DESCRIPTION	DATE


DIB.	FIA	CHEQ.	MF	APRB.	JL	APRB.	CC

CLIENT:




Belgrade Waterfront
developed by EAGLE HILLS


ARCHITECTS:



FENWICK IRIBARREN
Campus Empresarial Artea, Avenida de Puente de N. 5, Edificio 2, P.O. 101, Alcobendas, Spain
Tel: +34 91 555 68 36 Fax: +34 91 555 68 53 www.firibaren.com



CeS.TRA



MARK FENWICK JAVIER IRIBARREN

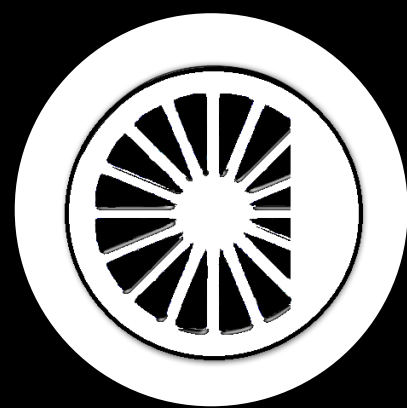
Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Context Plan

SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
P11_L 001	1		1/2000		CD



THE WHEEL OF A TRAIN

MEMORY OF THE TRAIN STATION

THE TRAIN WHEEL GEOMETRY

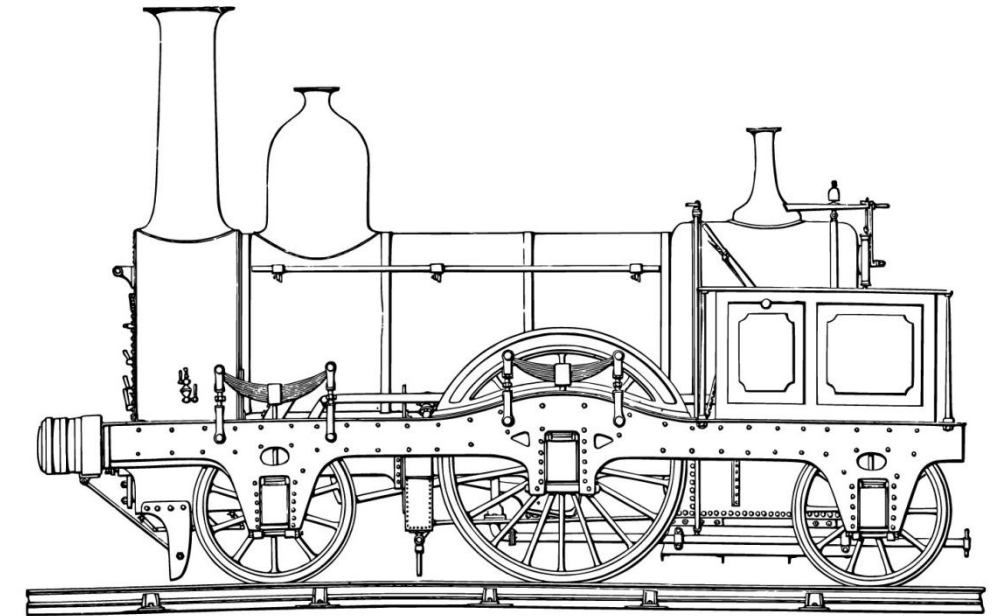
The new concept for the Savski Square looks to maintain a symbolic reference to the use of the Station and the fact the Plaza was the hallway to the station. THE CIRCULAR SHAPE OF THE Station plaza, both in front and behind, evoke a clear reference to a WHEEL, with spokes.

The design looks into the geometry of train wheels in the early times of the Belgrade Station, and it has certain specific characteristics which make it very unique.

The geometry of the Train wheels is obviously circular, but it includes a solid area which reinforces the wheel itself, while the rest of the wheel has strong spokes.

The Savski Plaza has a circular geometry, defined by the old and the new buildings around the station. The Plaza also requires a RADIAL geometry for the access to the central part of the Plaza, and these represent the spokes of the Train wheel.

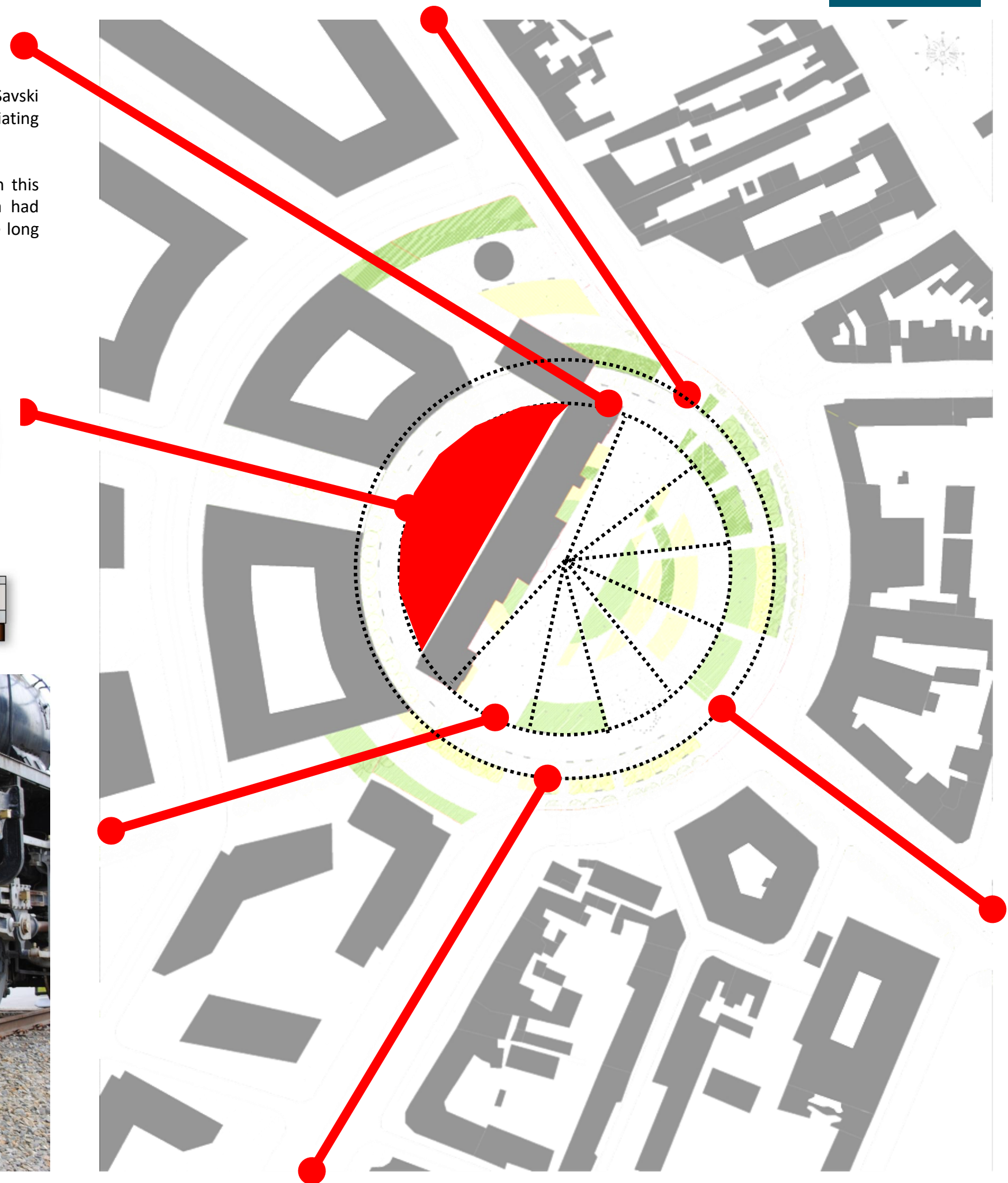
The station itself, which is solid, and the space behind the station, for the future Plaza or extension of the Museum evoke to solid part of the Train wheel.

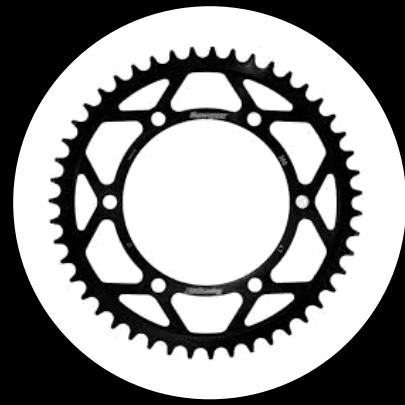


THE TRAIN WHEEL GEOMETRY

The amazing geometry of the old Steam Trains evokes the subtle geometry of the new Savski Square. A radial geometry from the centre in front of the main Train Station and radiating outwards as the spokes.

The solid parts of the wheel are clearly shown in the Plaza design. We hope that with this reference for the Design their is a clear continuity as to the use of which the Plaza had historically. The symbolism of the geometry maintains the history of the City of Belgrade long after the use of the train in this areas has disappeared.





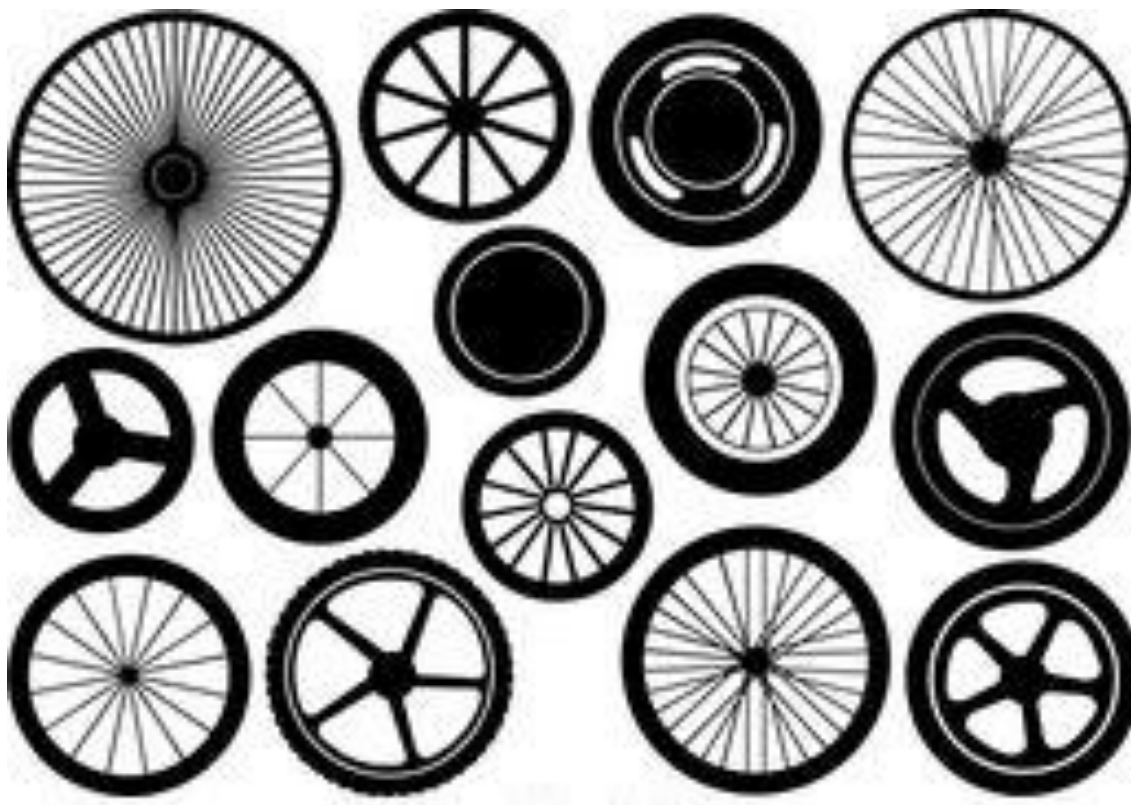
THE CIRCULAR COGS OF A TRAIN ENGINE

THE CIRCULAR COGS OF THE TRAIN WHEEL END ENGINE

The concept takes the reference to the Train wheel, further on into the actual movement of the engine.

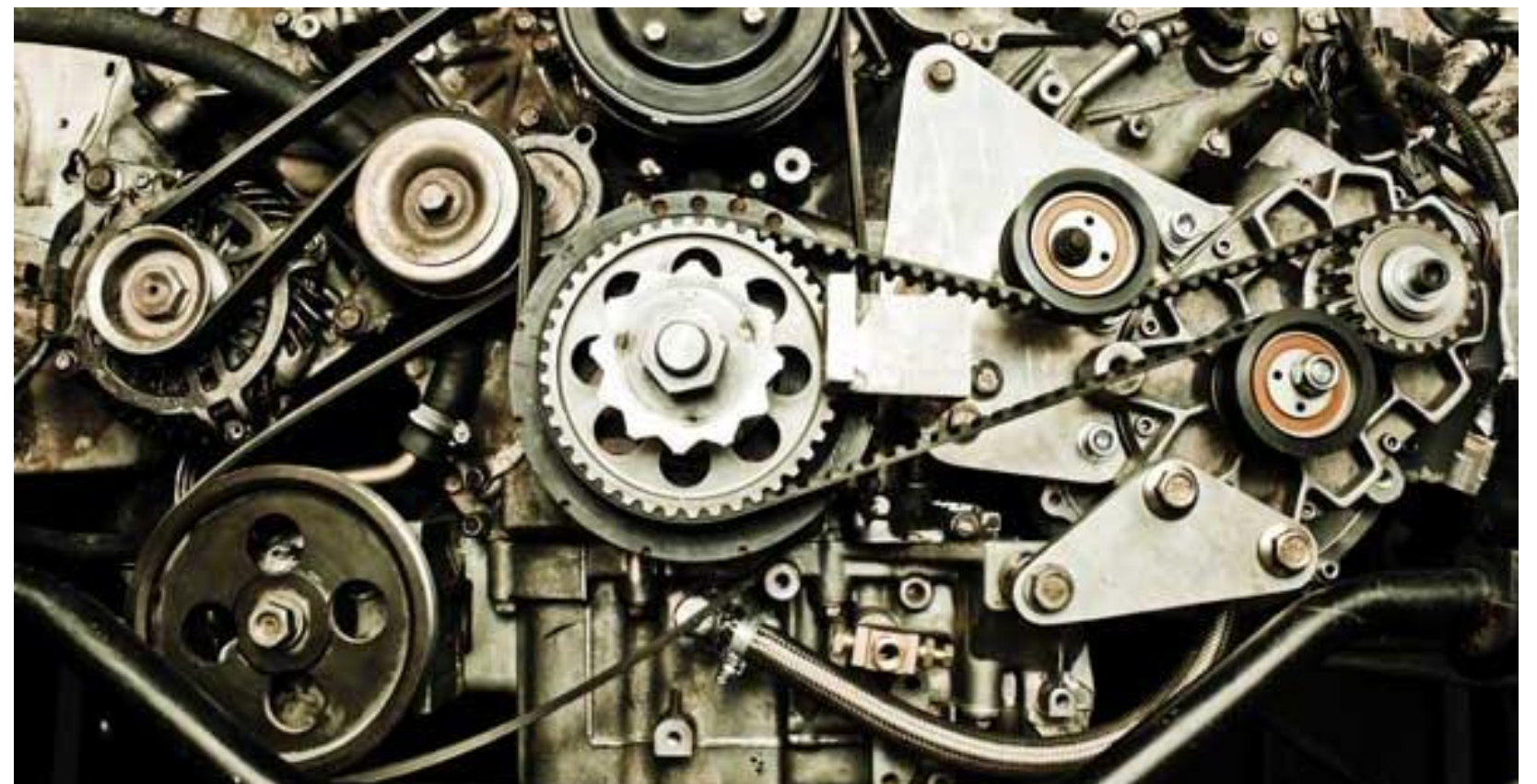
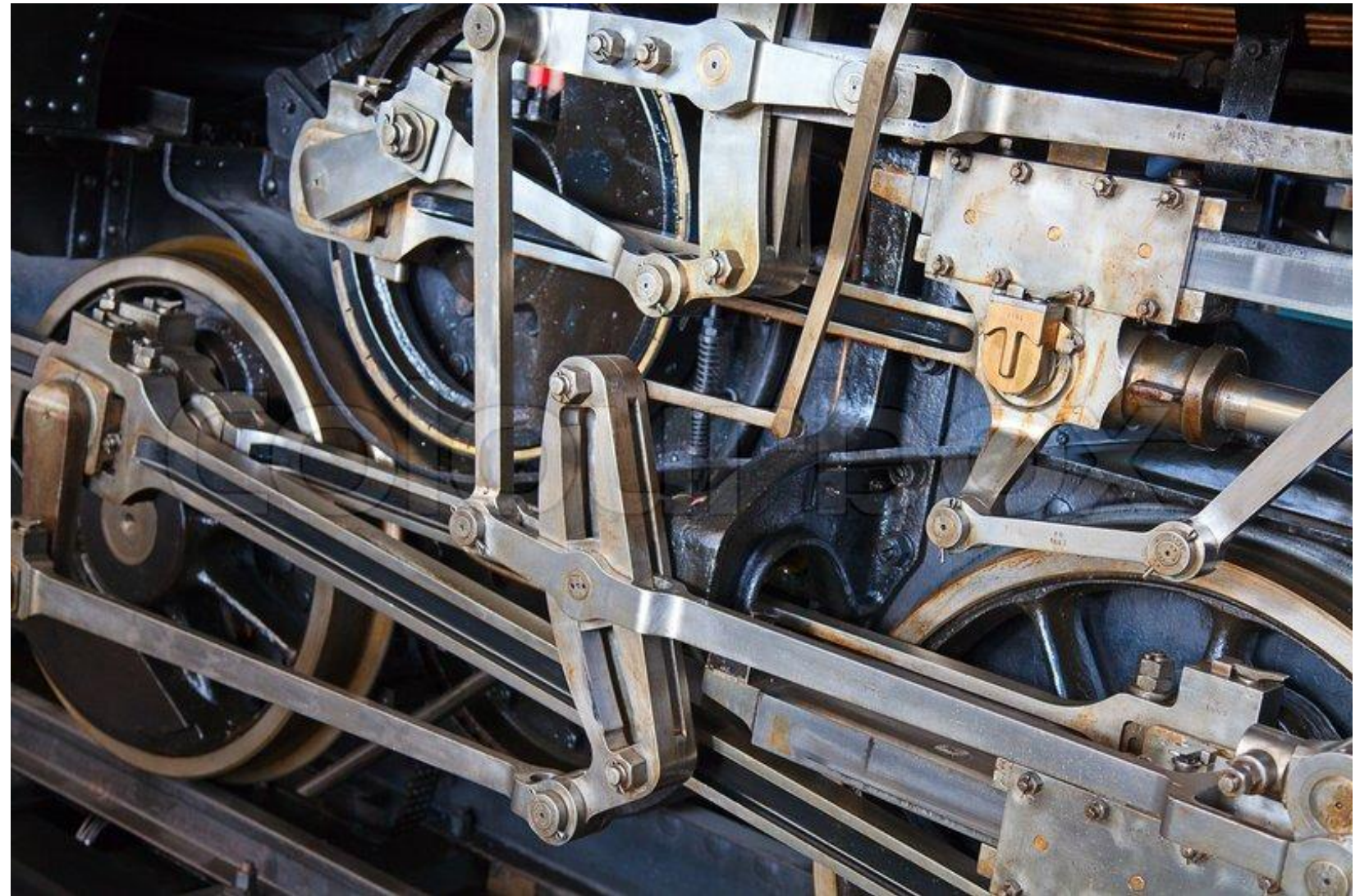
A train or any major engine is made from many moving circular parts, high precision wheels which combine to form the correct movement of taking the energy of the engine to the tracks.

The geometry of these wheels are tremendously interesting, and therefore the concept looks to establish a visual link between the circular geometry of the wheels and the plan of the Plaza.



The master Plan looks to integrate the concept of the industrial age of Belgrade, where the arrival of the train changed drastically the movement of people in the country, and allowed fast and safe travel to all parts of the country and internationally.

The fact that the train will now disappear requires that the design of the Plaza includes a shadow of the memory of what was there before. A respect to the age of the TRAIN in the city, and a memory for all in future



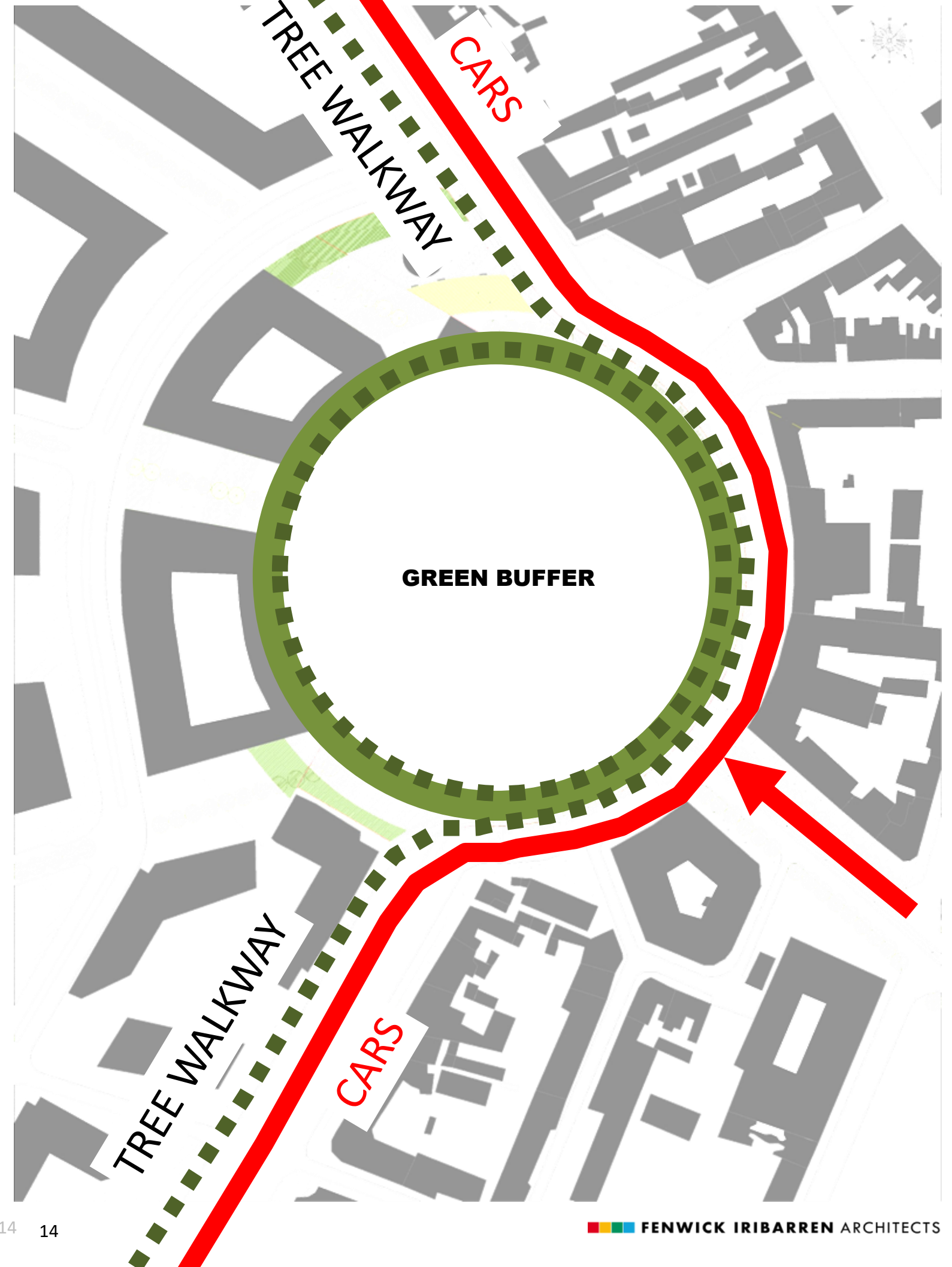
THE CIRCULAR COGS OF THE TRAIN WHEEL END ENGINE

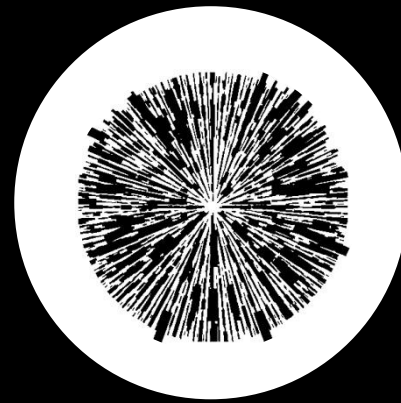
The cogs or wheels are joined and need to transfer the movement to other parts of the train.

In the Master Plan, the trees are related conceptually to the chain or the drive bands which take the movement of the circular spinning to other parts.

The trees act as the chain of a bicycle, in which they extend out into the city along the different streets and avenues, and wrap around the Plaza and continue onwards.

The inner ring of trees makes a circular green buffer to the outside urban world. It is a green barrier for noise and the rush of the everyday movement of a city. Hence the Plaza becomes a much calmer and more static space in the middle. The focus of the Plaza is towards the Station and to the two monuments placed on the Podium, the Stefan 'Nemanja Statue and the national Flag, two major ICONS in the urban fabric.

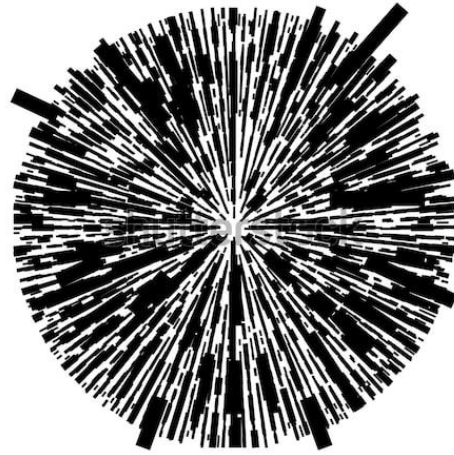




RADIAL AND CONCENTRIC GEOMETRY

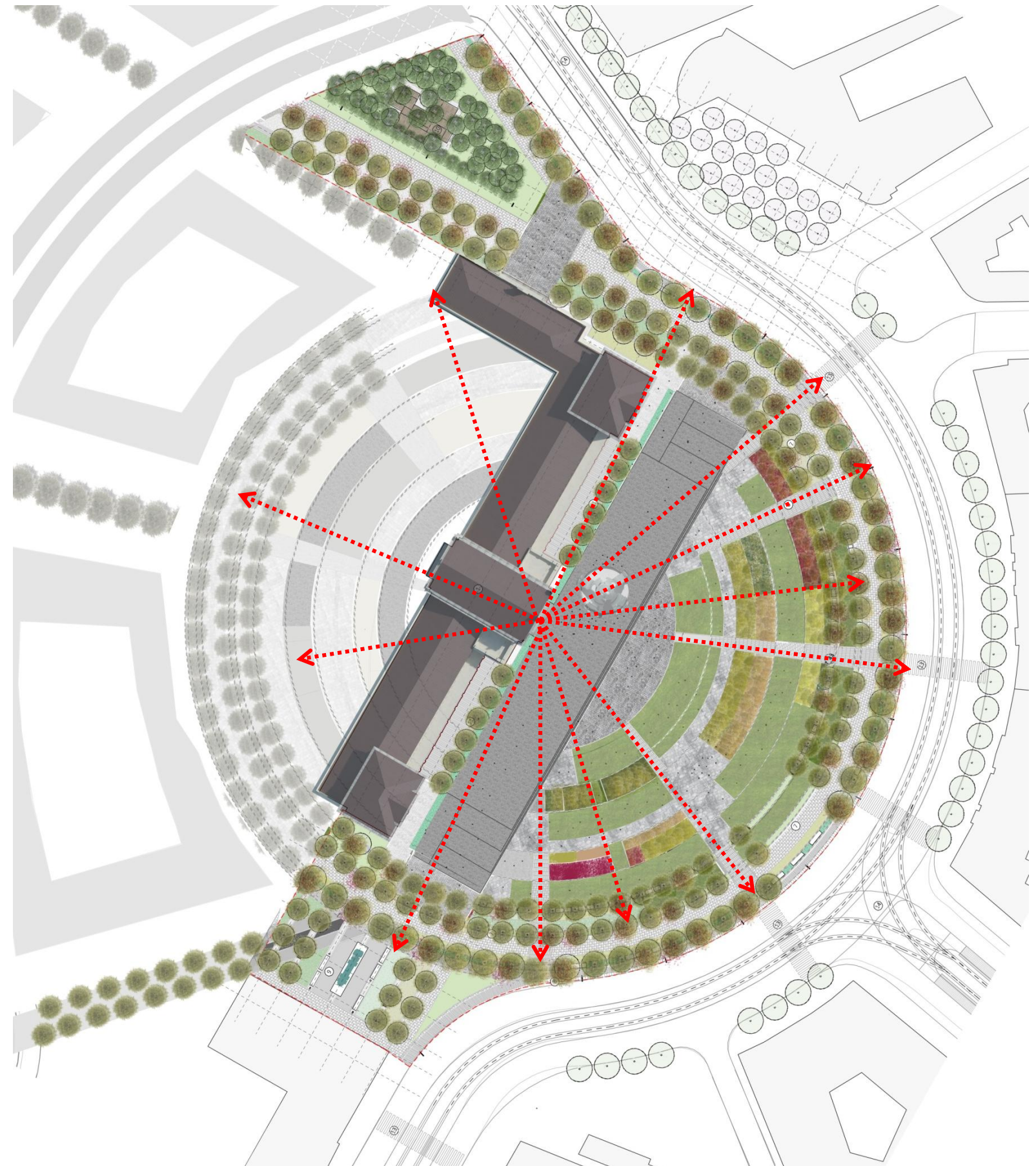
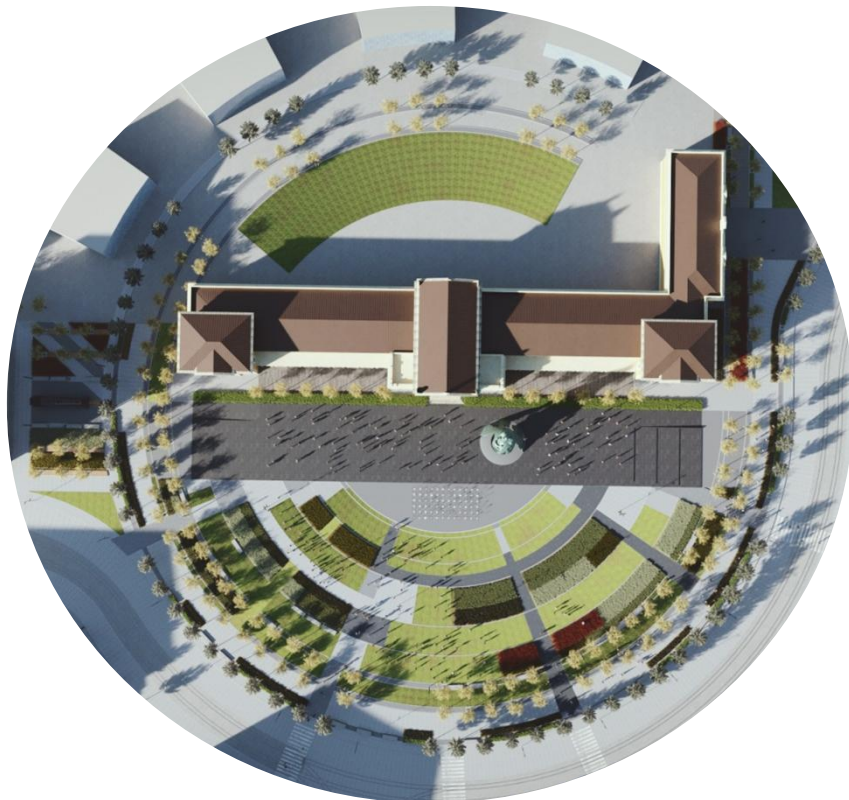
RADIAL GEOMETRY

The design of the Square looks to develop a number of pathways or design axis. Following the idea for the train there are obvious design parameters to develop a set on RADAIL AXIS starting from the central point of the Podium.



These Radial lines are designed to allow the movement of people from the perimeter to the centre of the Plaza. They are also structured to be aligned with the urban fabric on the perimeter of the Plaza, and where pedestrians cross from the outside pavement to the inner rings.

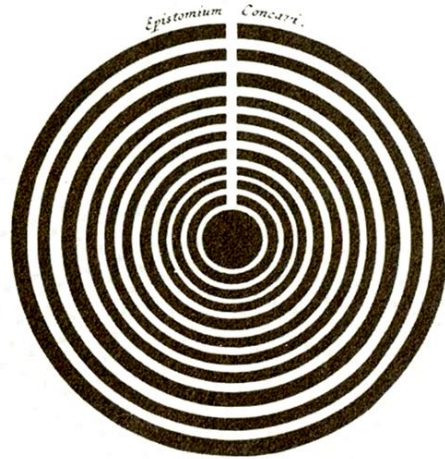
PLAN OF THE MASTERPLAN OF THE SAVSKI SQUARE WITH RADIAL GEOMETRY



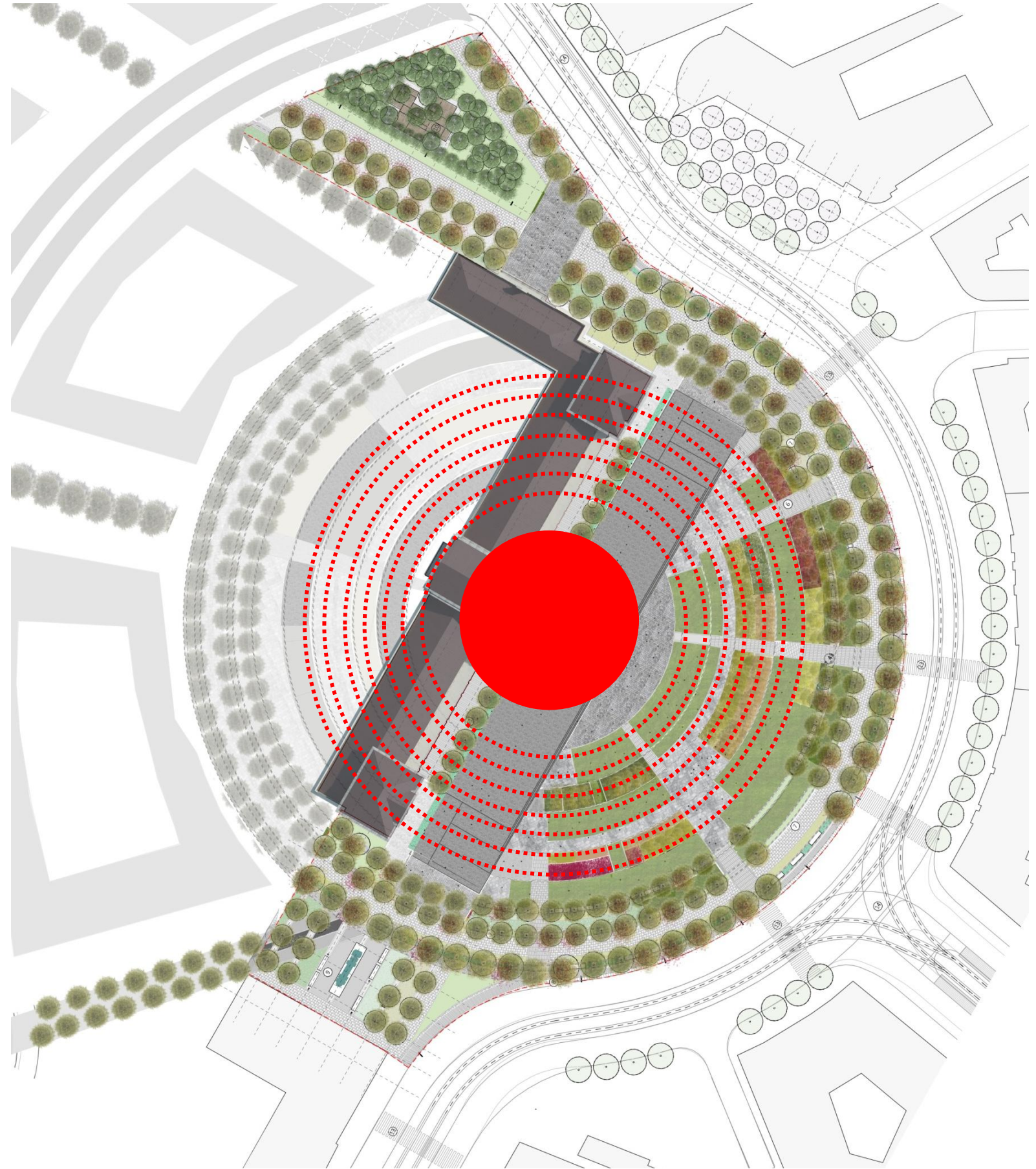
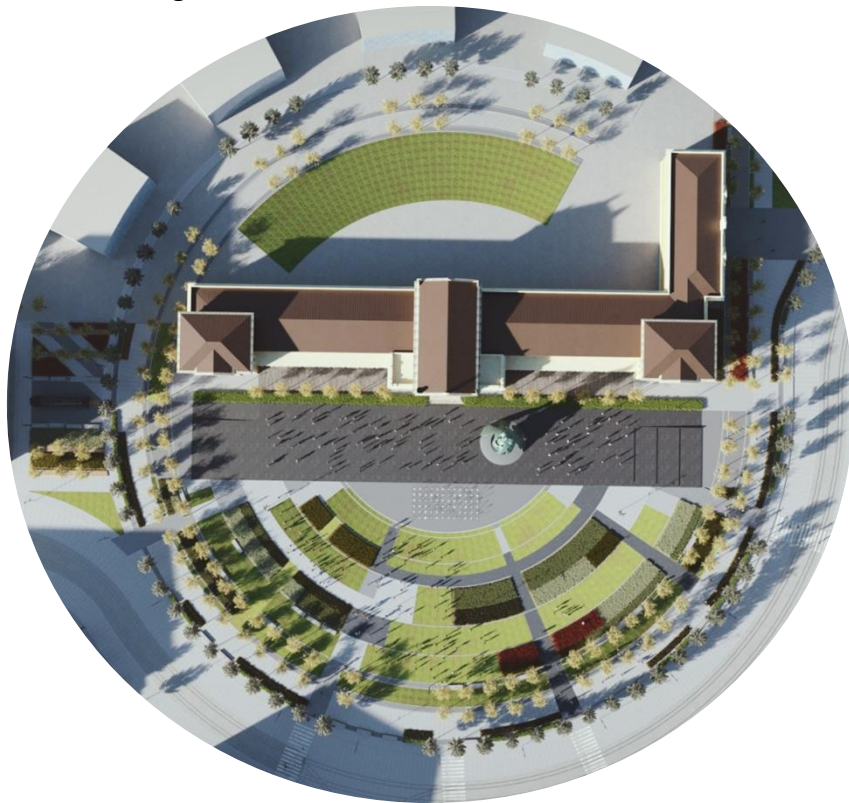
CONCENTRIC GEOMETRY

In order to allow a second level of movement around the square, the scheme also develops a series of concentric circles for both movement around the square and to order and control the different landscaped area of the square. The idea con the CONCENTRIC geometry looks to create a geometry which can extend, like ripple on a lake, outwards into the City, and contaminate other areas.

This will occur in the concept for the second, smaller square Karadordeva square, where the floor pattern picks up to scale the concentric rings which arrive there.

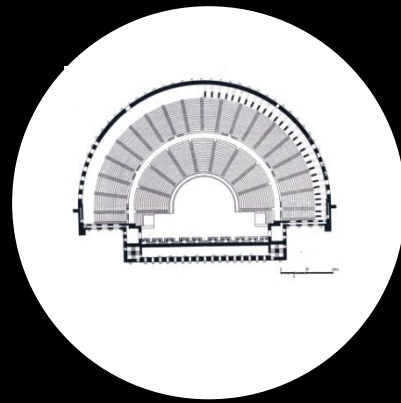


In this way the design of both the squares derives from the same concept, and the Concentric rings spread outwards through the City. This produces a central focus point in SAVSKI square from where all these rings are "born"



CONCENTRIC AND RADIAL GEOMETRY





ROMAN THEATRE SCENARIO

THE ROMAN THEATRE CONCEPT

The Master plan developed for the Site is a complex design based on a number of factors, both Urban as well as Symbolic.

The Design intention for the site is to produce a new Urban Square which:

RESOLVES THE URBAN NETWORK SURROUNDING THE SQUARE

DEVELOPS AN URBAN MEMORY OF THE OLD TRAIN STATION USE

INTEGRATES THE OLD AND THE NEW CITY

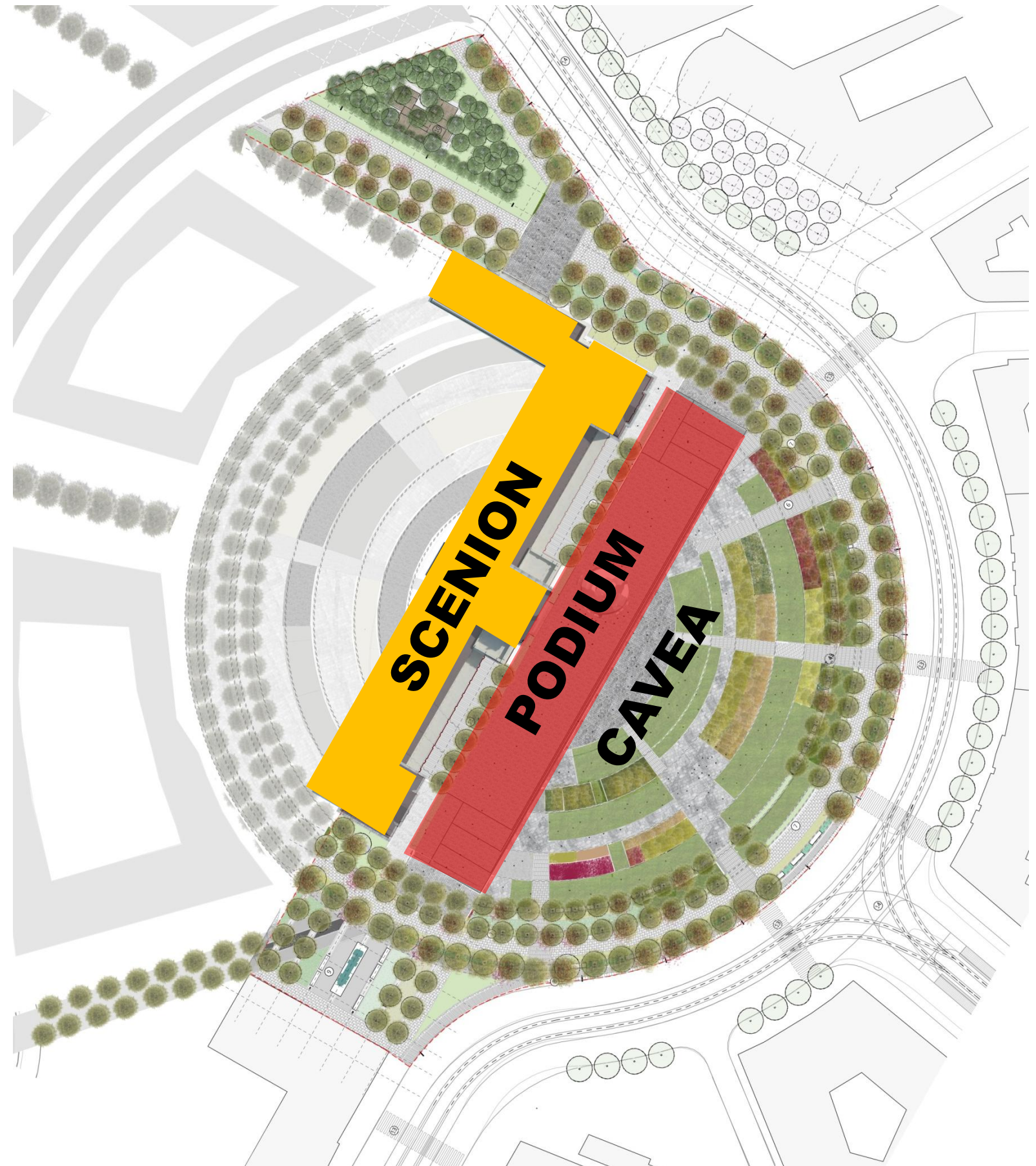
PROVIDES A PLATFORM FOR THE STATUE OF NEMANJA

CREATES A NEW URBAN PLAZA FOR THE PEOPLE

INTEGRATES HARD AND SOFT LANDSCAPING

DEVELOP A GREEN URBAN BUFFER TO THE CITY (THE RAMBLA)

The following report looks to explain how all of these issues have been developed in the design.



THE ROMAN THEATRE CONCEPT

SAVSKI SQUARE BELGRADE



ROMAN THEATRE OF PALMIRA



THE ROMAN THEATRE CONCEPT

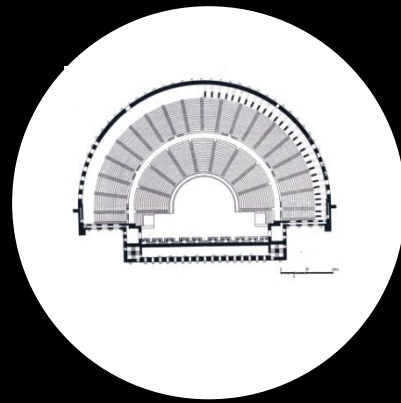


THE ROMAN THEATRE CONCEPT



THE ROMAN THEATRE CONCEPT





THE PODIUM

IN FRONT OF THE TRAIN STATION (SCENION)

THE PODIUM

In front of the Old Train Station, the concept design looks to create a space which responds to the front facade of the Station. A flat and non landscaped podium / Plaza which allows a clear and easy view of the Station.

The Station is a fundamental part of the history of the City and of the country, as from this station travellers arrived and left for their destinations.

The platform placed in front of the stadium is slightly raised, up to the level of the ground floor of the stadium. The floor levels become, one, not like at present where a few steps rises up to the station from the existing Plaza.

The concept behind this part of the Plaza / Square, is to be a true scenario for any events that can occur in the Plaza, as mentioned before, it is the PODIUM of the Plaza, the main scenario the main element is placed;

THE NEMANJA STATUE

THE **TRAIN STATION** as the backdrop, as is the Scenion in the Roman Theatre.

The flat platform, ramped up at each end, provides a clear place to place the statue and the Flag, both facing each other, but off axis to the roads around.

The Podium is meant to be a podium not only to these two important sculptural elements but also as a space in which many events may occur.

One of the briefs for the competition is that the Plaza can be used for many events or scenarios, and therefore the PODIUM is to be the platform from which these events can be displayed.

For instance there could be a number of scenarios where the Plaza becomes an important place in the City, these could be among others:

SERBIAN NATIONAL DAY

A public gathering the pay homage to the Old Serbia, represented by the Nemanja Statue.

CONCERTS OR THEATRE

The Podium is an excellent platform for any type of public event, where there could be a theatre Play (as in the Roman Theatre), a Music Concert or even other local celebrations which are in need of a scenario.

OPEN AIR MUSEUM

In the event the Train Station becomes a Museum, the Podium could be a magnificent space for an open air sculptural museum, with pieces of art placed on the Podium



THE PODIUM

The flat platform, ramped up at each end, provides a clear place to place the statue of Stefan Nemanja.

The Podium is meant to be a podium not only to these two important sculptural elements but also as a space in which many events may occur.

The Plaza can be used for many events or scenarios, and therefore the PODIUM is to be the platform from which these events can be displayed.

For instance there could be a number of scenarios where the Plaza becomes an important place in the City, these could be among others:

SERBIAN NATIONAL DAY

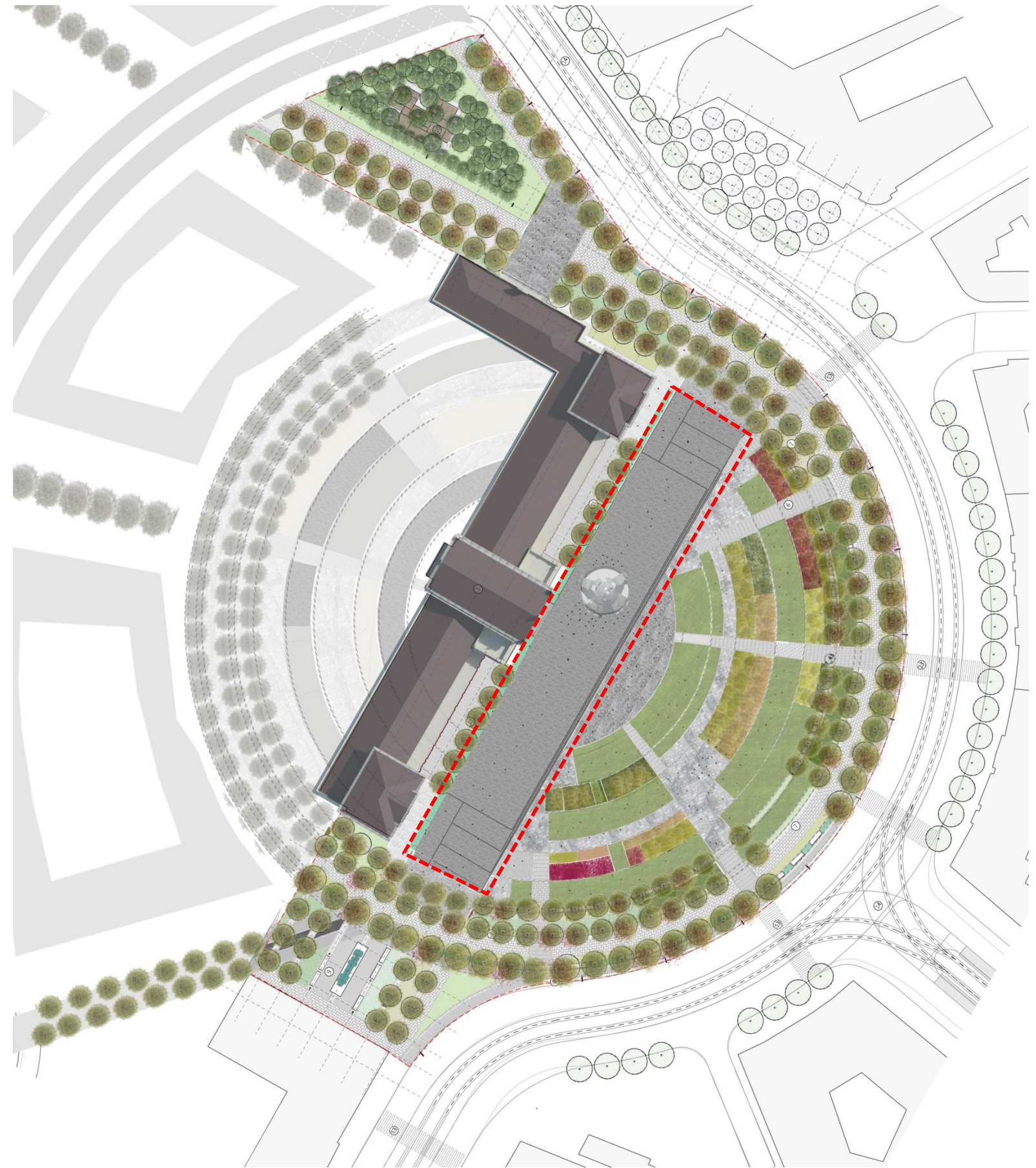
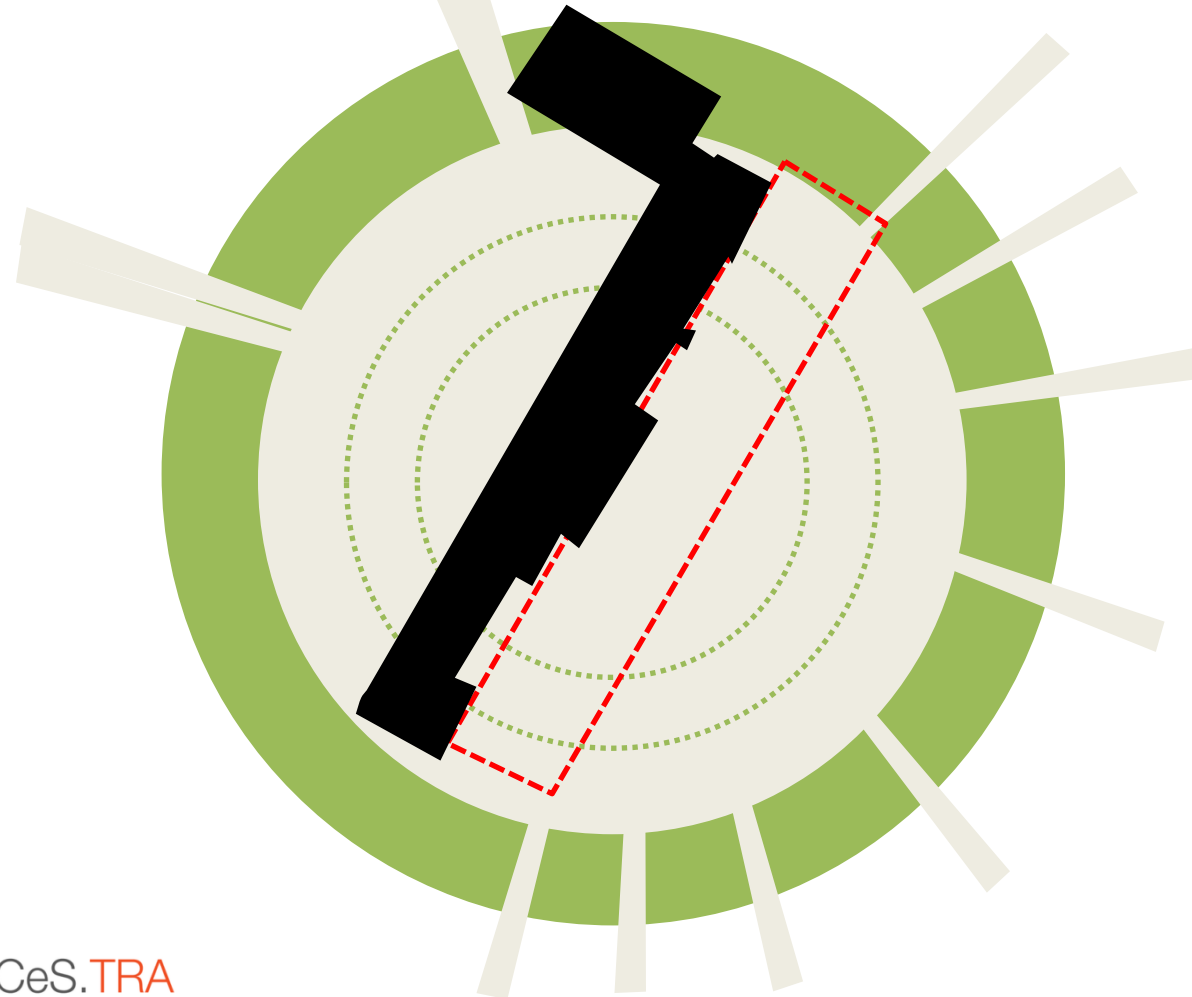
A public gathering to pay homage to the Old Serbia, represented by the Nemanja Statue.

CONCERTS OR THEATRE

The Podium is an excellent platform for any type of public event, where there could be a theatre Play (as in the Roman Theatre), a Music Concert or even other local celebrations which are in need of a scenario.

OPEN AIR MUSEUM

In the event the Train Station becomes a Museum, the >Podium could be a magnificent space for an open air sculptural museum, with pieces of art placed on the Podium



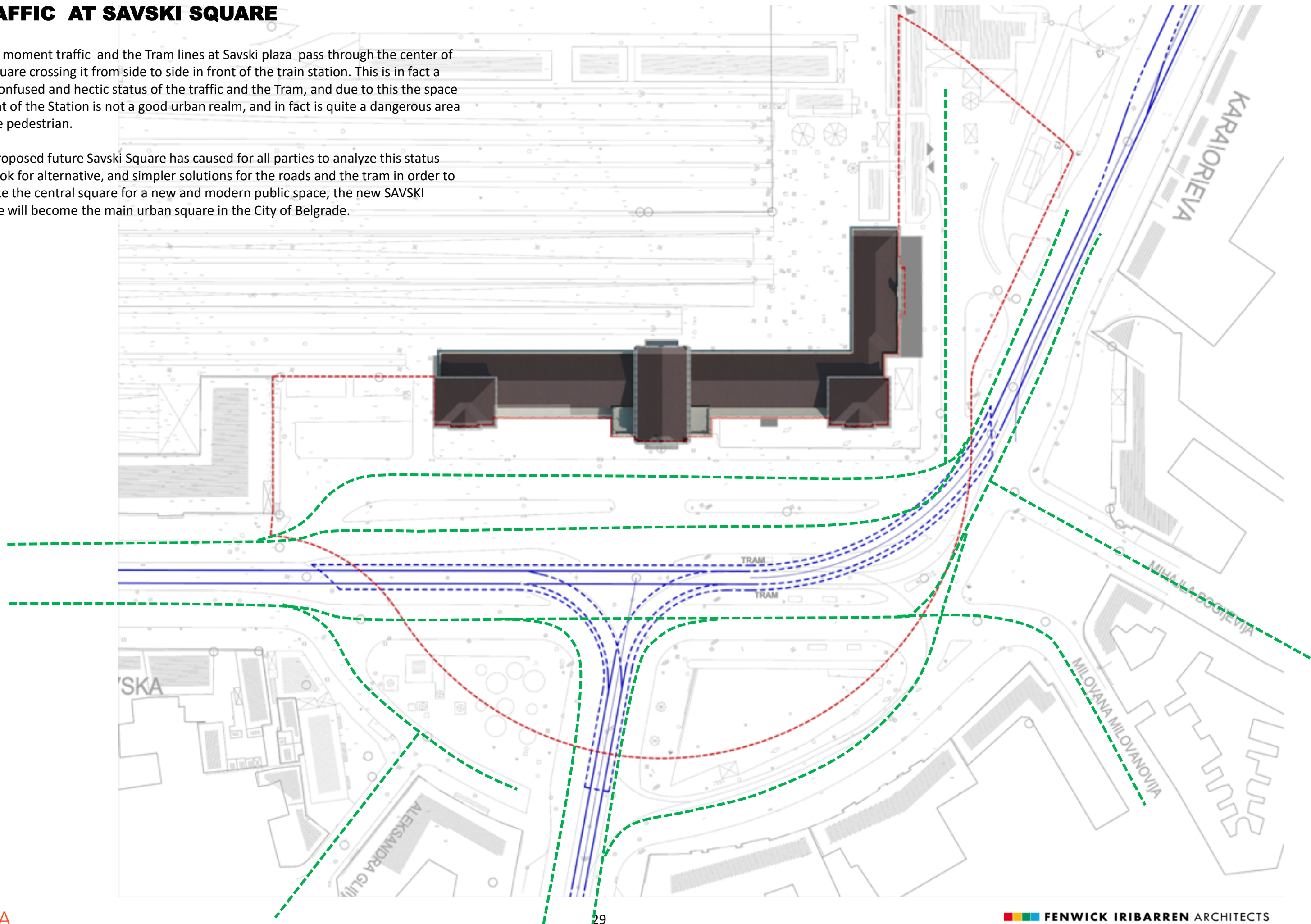


COORDINATION WITH TRAFFIC INFRASTRUCTURE

TRAFFIC AT SAVSKI SQUARE

In this moment traffic and the Tram lines at Savski plaza pass through the center of the square crossing it from side to side in front of the train station. This is in fact a very confused and hectic status of the traffic and the Tram, and due to this the space in front of the Station is not a good urban realm, and in fact is quite a dangerous area for the pedestrian.

The proposed future Savski Square has caused for all parties to analyze this status and look for alternative, and simpler solutions for the roads and the tram in order to liberate the central square for a new and modern public space, the new SAVSKI Square will become the main urban square in the City of Belgrade.

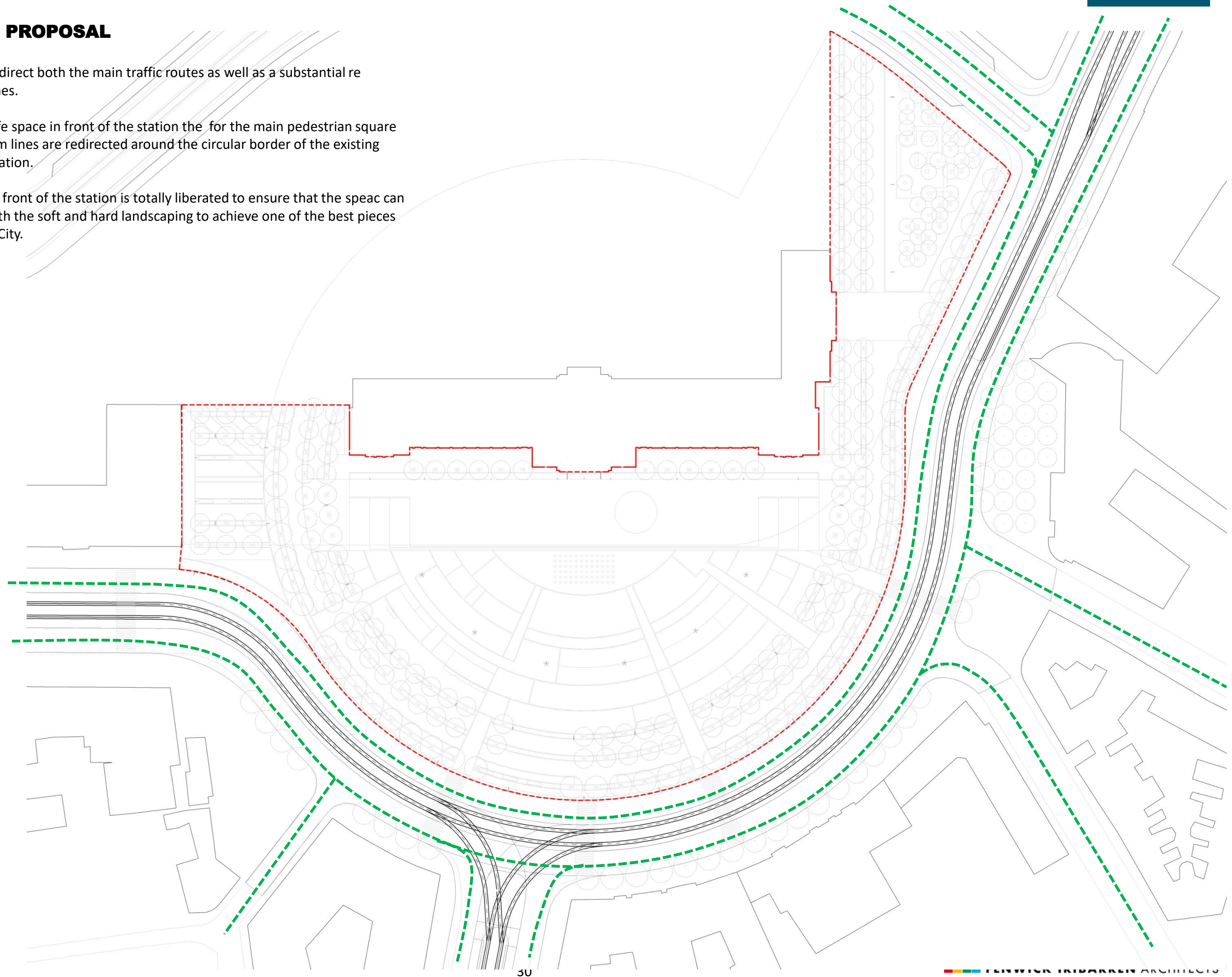


NEW TRAFFIC PROPOSAL

The design looks to redirect both the main traffic routes as well as a substantial re routing of the Tram lines.

In order to liberate safe space in front of the station the for the main pedestrian square the street and the tram lines are redirected around the circular border of the existing buildings facing the Station.

In this way the area in front of the station is totally liberated to ensure that the space can be developed with both the soft and hard landscaping to achieve one of the best pieces of urban realm in the City.



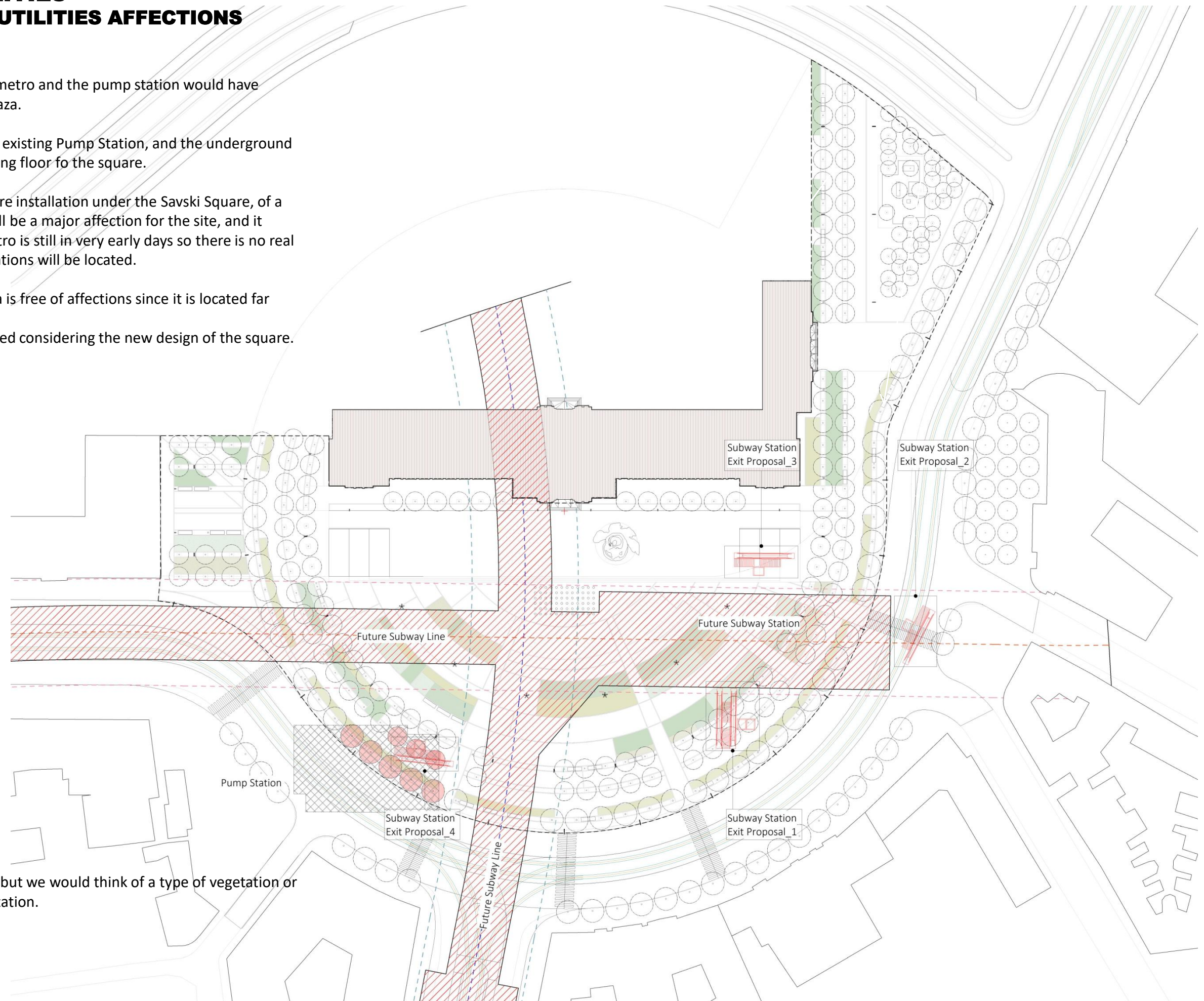
UNDERGROUND FACILITIES METRO, PUMP STATION, UTILITIES AFFECTIONS

This plan shows the affections that the metro and the pump station would have about what would be built above the plaza.

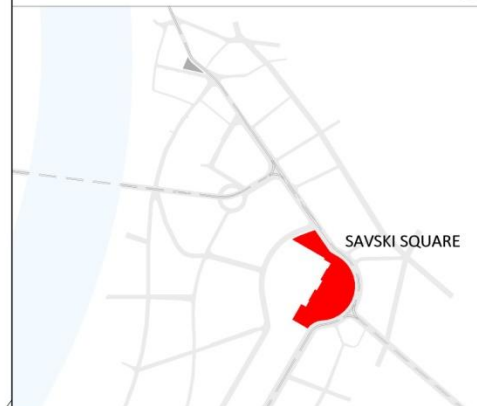
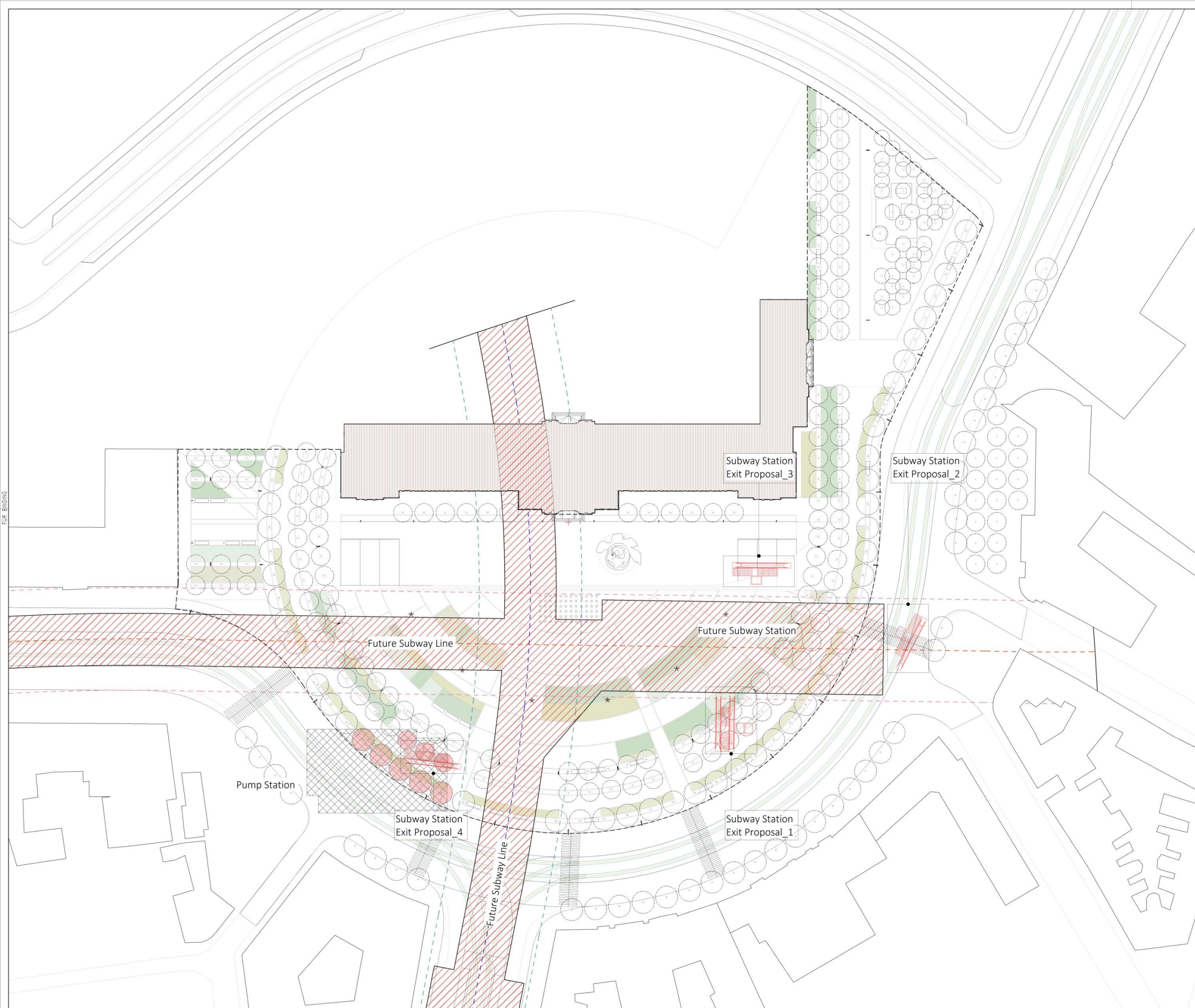
The min underground affections are the existing Pump Station, and the underground sewage pipes which run under the existing floor fo the square.

Another major affection will be the future installation under the Savski Square, of a new Metro underground facility. This will be a major affection for the site, and it seems that the development of this Metro is still in very early days so there is no real outline of where the tunnels and the stations will be located.

As we see the statue of Stefan Nemanja is free of affections since it is located far from the tunnel of the metro.
The metro exits will have to be redesigned considering the new design of the square.



Above the pump station there are trees but we would think of a type of vegetation or system that does not affect this pump station.



SAVSKI SQUARE

NOTES:

ESCALA GRAFICA: 1/500
METROS

REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC

CLIENT:



ARCHITECTS:



CeS.TRA

MARK FENWICK
JAVIER IRIBARREN

Concept Design

SAVSKI SQUARE, BELGRADE


TITLE: Design Coordination

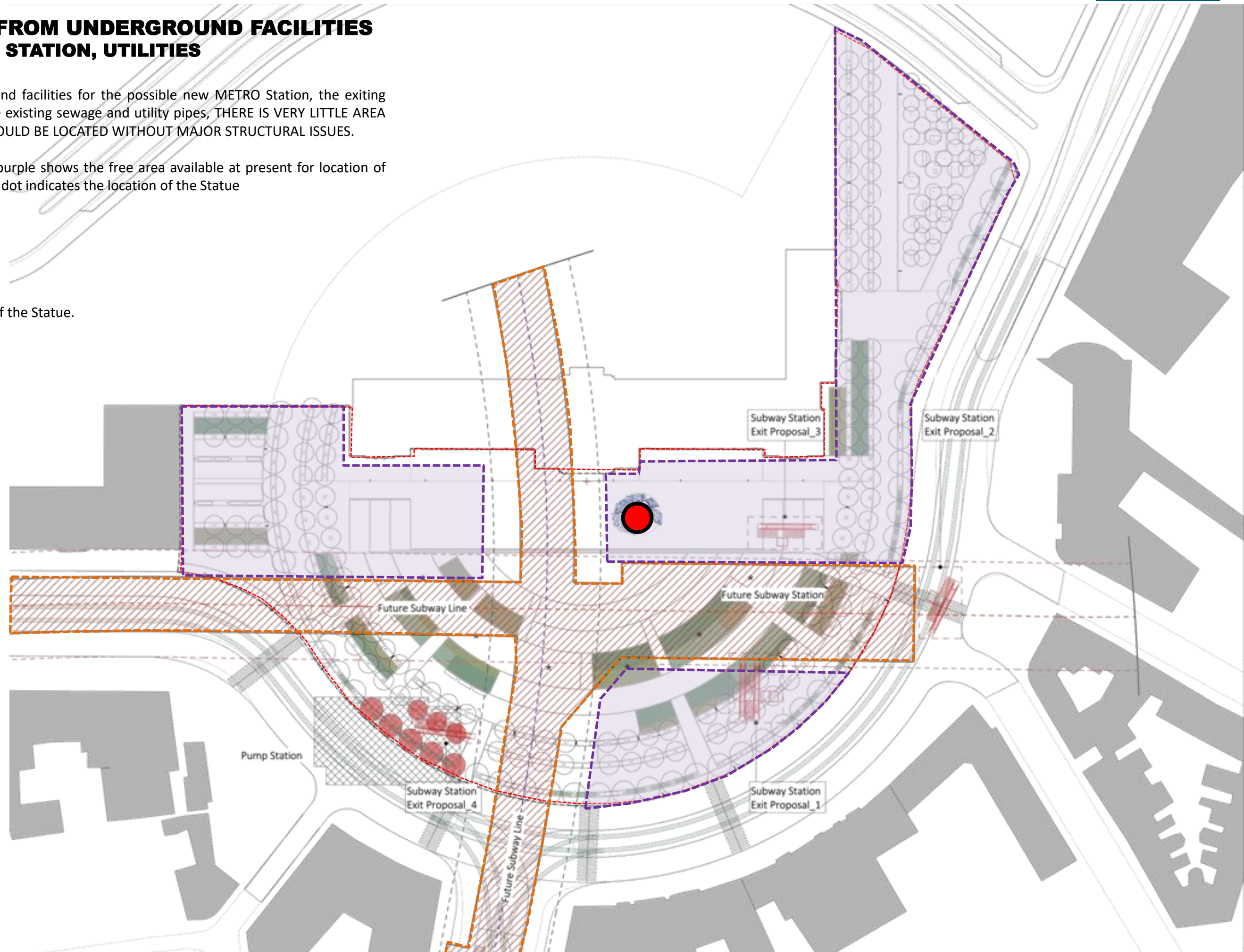
SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
P11_L 004	2		1/500		CD

AREA FREE FROM UNDERGROUND FACILITIES METRO, PUMP STATION, UTILITIES

Due to the underground facilities for the possible new METRO Station, the exiting Pump Station, and the existing sewage and utility pipes, THERE IS VERY LITTLE AREA WHERE THE STATUE COULD BE LOCATED WITHOUT MAJOR STRUCTURAL ISSUES.

The area coloured in purple shows the free area available at present for location of the statue and the red dot indicates the location of the Statue

 Proposed Location of the Statue.



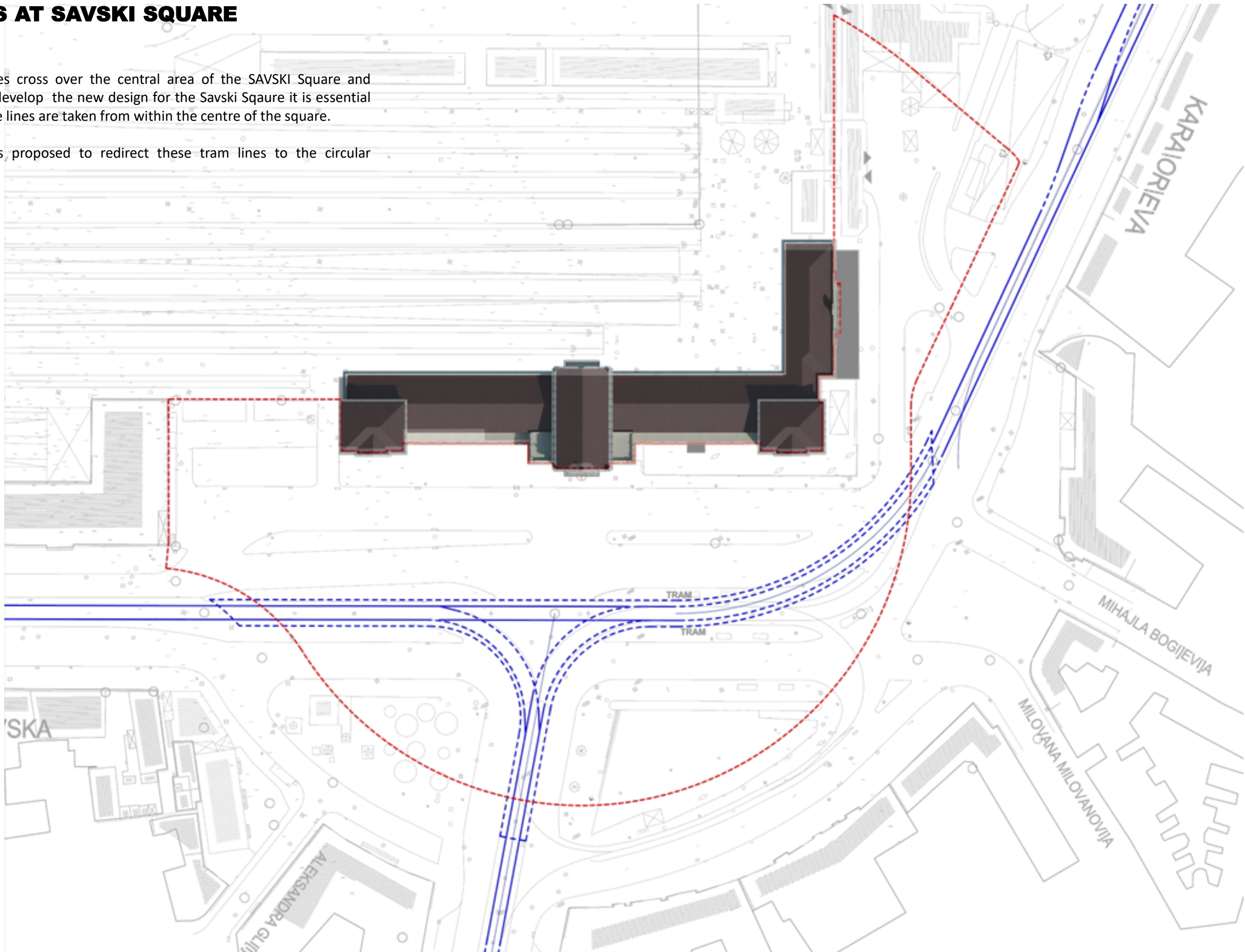


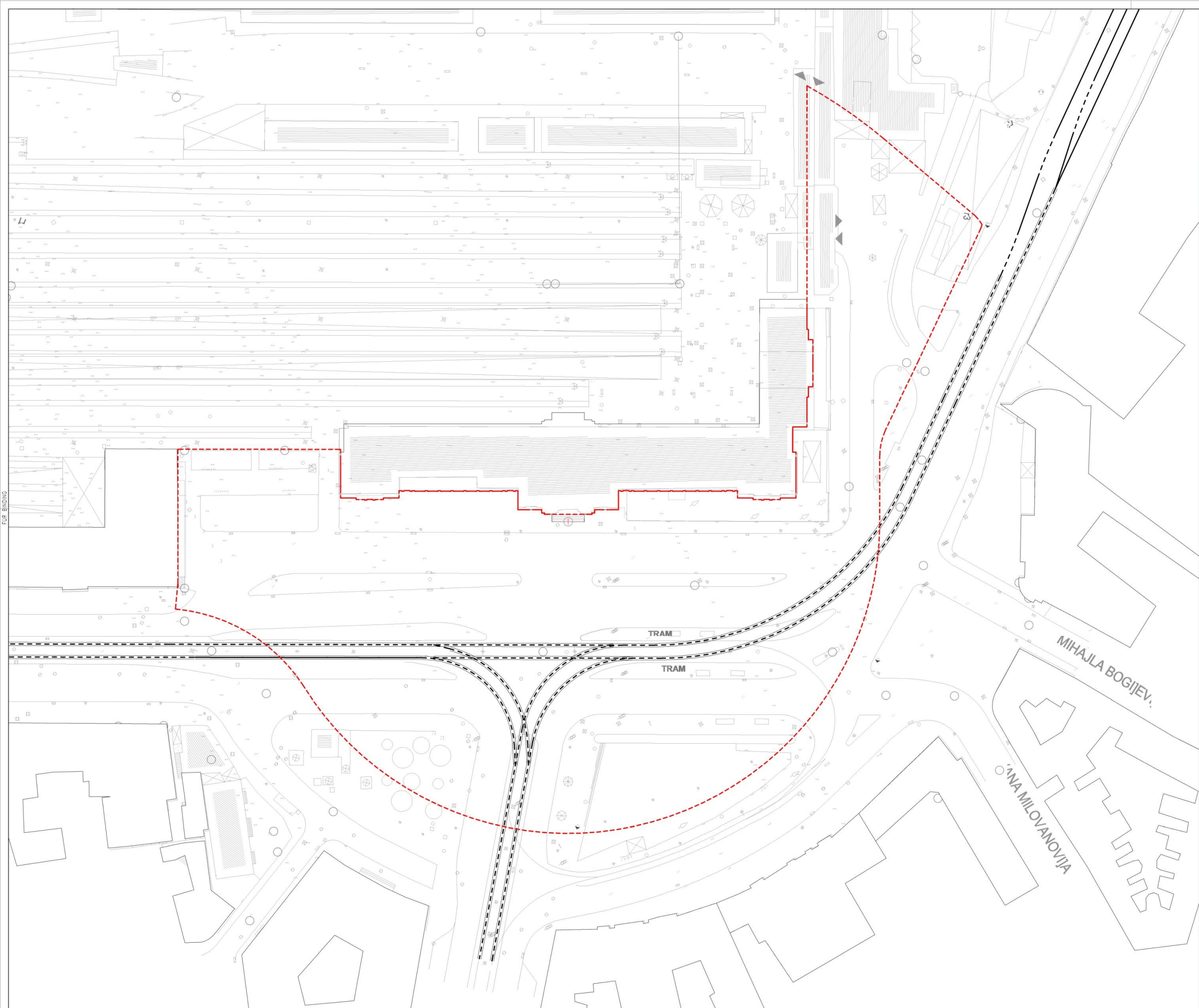
TRAM TRACKS

TRAM TRACKS AT SAVSKI SQUARE

At present the Tram lines cross over the central area of the SAVSKI Square and therefore to be able to develop the new design for the Savski Square it is essential that these very aggressive lines are taken from within the centre of the square.

The Concept Design has proposed to redirect these tram lines to the circular perimeter of the site.





SAVSKI SQUARE

NOTES:

ESCALA GRAFICA: 1/500
METROS
0 5 10 15 20 25 30 35 40 45 50

REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JL	APRB.	CC

CLIENT:

Belgrade Waterfront
developed by EAGLE HILLS

ARCHITECTS:

FENWICK IRIBARREN
Campus Empresarial Artea, Avenida de Puente de N. 6 Edificio 2 P. 101 Alcobendas, Spain
tel. +34 91 555 68 36 fax +34 91 555 68 53 info@f-i.com

CeS.TRA

MARK FENWICKJAVIER IRIBARREN

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Traffic Actual Situation

SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
F18_L 002	2		1/500		CD



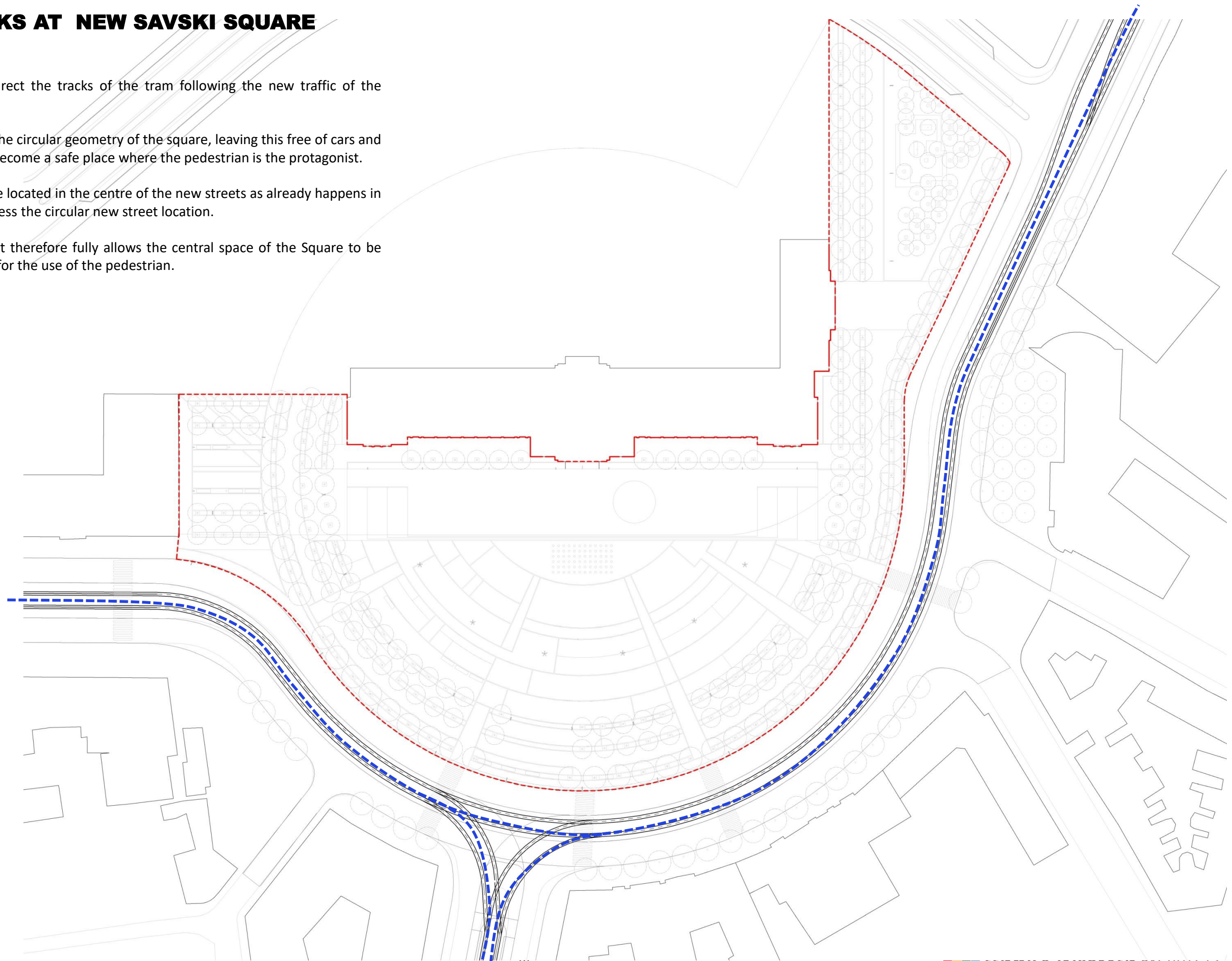
TRAM TRACKS AT NEW SAVSKI SQUARE

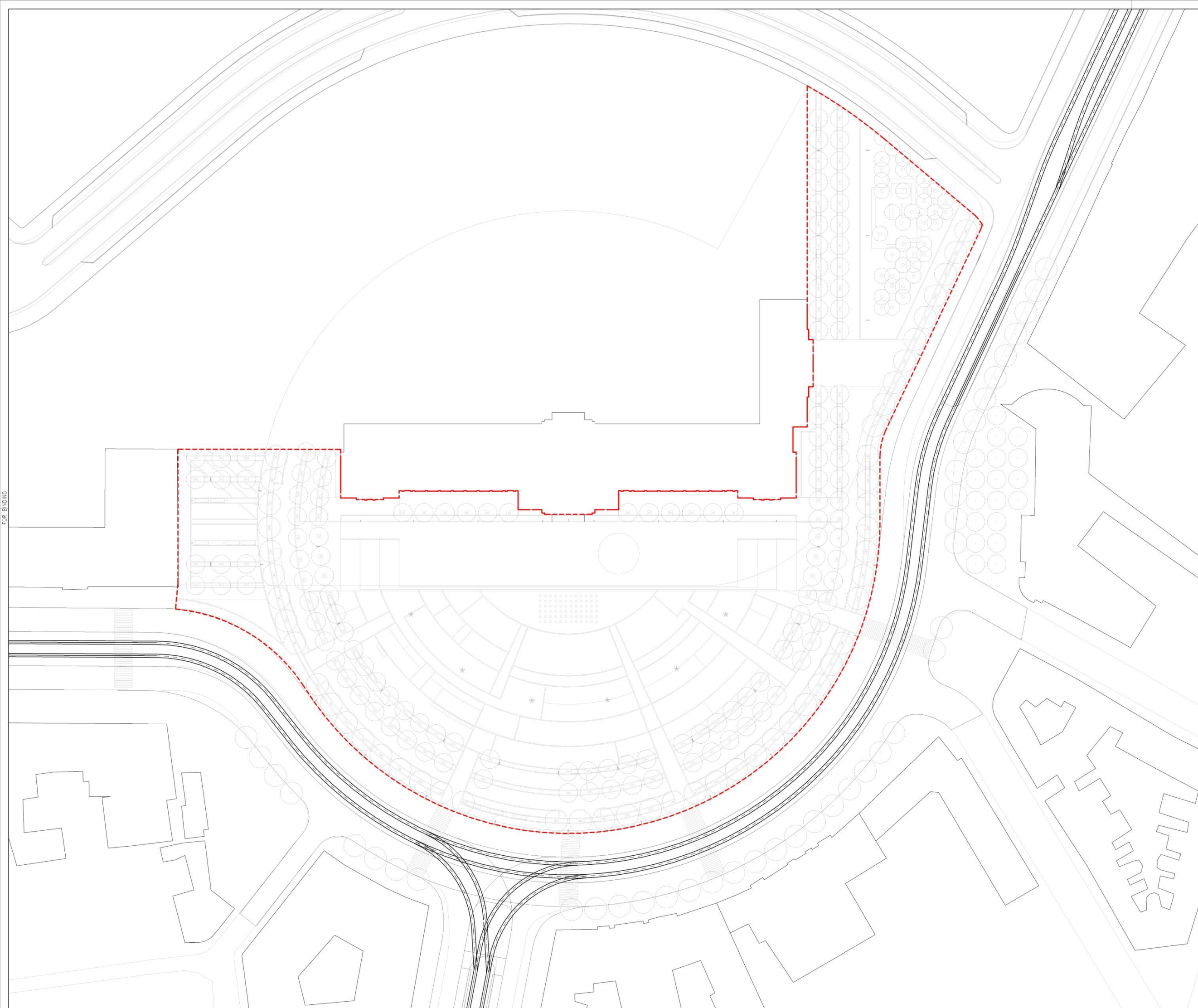
It is proposed to redirect the tracks of the tram following the new traffic of the square.

The roads will follow the circular geometry of the square, leaving this free of cars and tram traffic and thus become a safe place where the pedestrian is the protagonist.

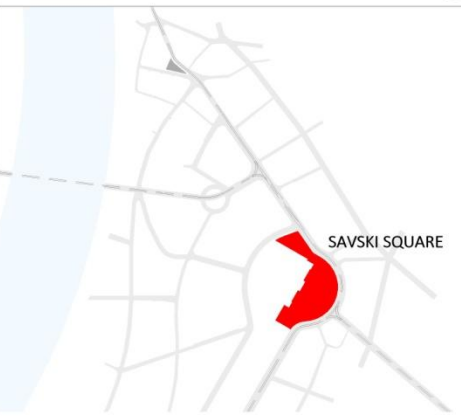

The new tram lines are located in the centre of the new streets as already happens in all the streets that access the circular new street location.

The new tram concept therefore fully allows the central space of the Square to be open and landscaped for the use of the pedestrian.





FOR BIDDING



SAVSKI SQUARE

NOTES:

ESCALA GRAFICA: 1/500


METROS

0 5 10 15 20 25 30 35 40 45 50

REV.	DESCRIPTION	DATE


DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC

CLIENT:



Belgrade Waterfront
developed by EAGLE HILLS


ARCHITECTS:




FENWICK IRIBARREN
Campus Empresarial Abies, Avenida de Puente de San Carlos 2, P.O. Box 100, Alcobendas, Spain
tel. +34 91 555 68 36 fax +34 91 555 68 53 info@f-i.com

CeS.TRA

MARK FENWICK



JAVIER IRIBARREN



Concept Design

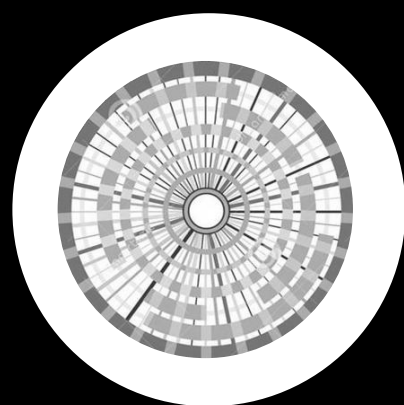
SAVSKI SQUARE, BELGRADE

TITLE:

Traffic Proposal Plan

SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
P11_L 003	2		1/500		CD





SAVSKI SQUARE MASTER PLAN

TWO NEW URBAN PLAZAS FOR THE CITY OF BELGRADE

The object of the Concept Design project is to develop the design for two new urban squares in the City of Belgrade.

The first and possibly the main urban square in the city, in the present day SAVSKI SQUARE located around the existing Belgrade Train Station.

The circular format of the Plaza makes this a quite unique development, and also it is clear how the Savski square is the hub where many of the surrounding urban streets and avenues are located.

This plan shows the scale to the SAVSKI square in the immediate urban area, and it is certainly the largest space in the vicinity.

The second part of the Concept Design is a much smaller square located on the corner of Karadordeva and Travnicka streets.

This is a small triangular space in the city, but in its design it will use the same language as Savski square.



GREEN AREAS PERCENTAGE FOR PLOTS KL5 AND T

C2
15.356,4m2

KL4
3628.65m2

KL5
19.426,4m2

AREA DEVELOPED IN KL5 : 8.865 M2

T
10.676,5m2

ZONE T GREEN AREAS

AREA 10.676,50M2
30% GREEN AREA 3.202,95M2

CONCEPT DESIGN: 2.850,00M2

THE EXISTING CONCEPT DESIGN IS
SLIGHTLY BELOW THE AREA REQUIRED.
THIS WILL BE DEVELOPED IN
SCHEMATIC DESIGN

HOWEVER THE DESIGN AT PRESENT
HAS A CORRECT BALANCE OF GREEN TO
HARDSCAPE, AND FURTHER GREEN
WILL REDUCE THE AREA OF THIS
PEDESTRIAN SQUARE

ZONE KL5 GREEN AREAS

AREA: 8.865M2
25% GREEN AREA 2.216M2

CONCEPT DESIGN: 1.448 M2

THIS CORRESPONDS TO 16,3% OF THE
TOTAL AREA.

THE REMAINING GREEN AREA WILL BE
DEVELOPED IN PLOT KL5 IN FUTURE
PROJECT

NOTES:

ESCALA GRAFICA: 1/500
METROS

REV. DESCRIPTION DATE

DIB. FIA CHEQ MF APRB JI APRB CC

CLIENT:



ARCHITECTS:



Concept Design

SAVSKI SQUARE, BELGRADE

TITLE: Urban Planning Plot

SHEET NUMBER: P11_L 005
SERIE: 2
REV: 1
SCALE: 1/500
ORIGINAL SIZE:
FASE: CD

THE SAVSKI SQUARE MASTERPLAN

The Master plan developed for the Site is a complex design based on a number of factors, both Urban as well as Symbolic.

The design looks to create a unique and amazing new urban space for Belgrade.

A place of meeting and social interaction in the City, a place for meeting and for celebrations.

A place which keeps the memories of the past but builds on new ideas for the future.

A place which brings together the surrounding urban spaces

The Design intention for the site is to produce a new Urban Square which:

RESOLVES THE URBAN NETWORK SURROUNDING THE SQUARE

DEVELOPS AN URBAN MEMORY OF THE OLD TRAIN STATION USE

INTEGRATES AND BECOMES THE CENTRE OF THE OLD AND THE NEW CITY

PROVIDES A PLATFORM FOR THE STATUE OF NEMANJA (OLD SERBIA)

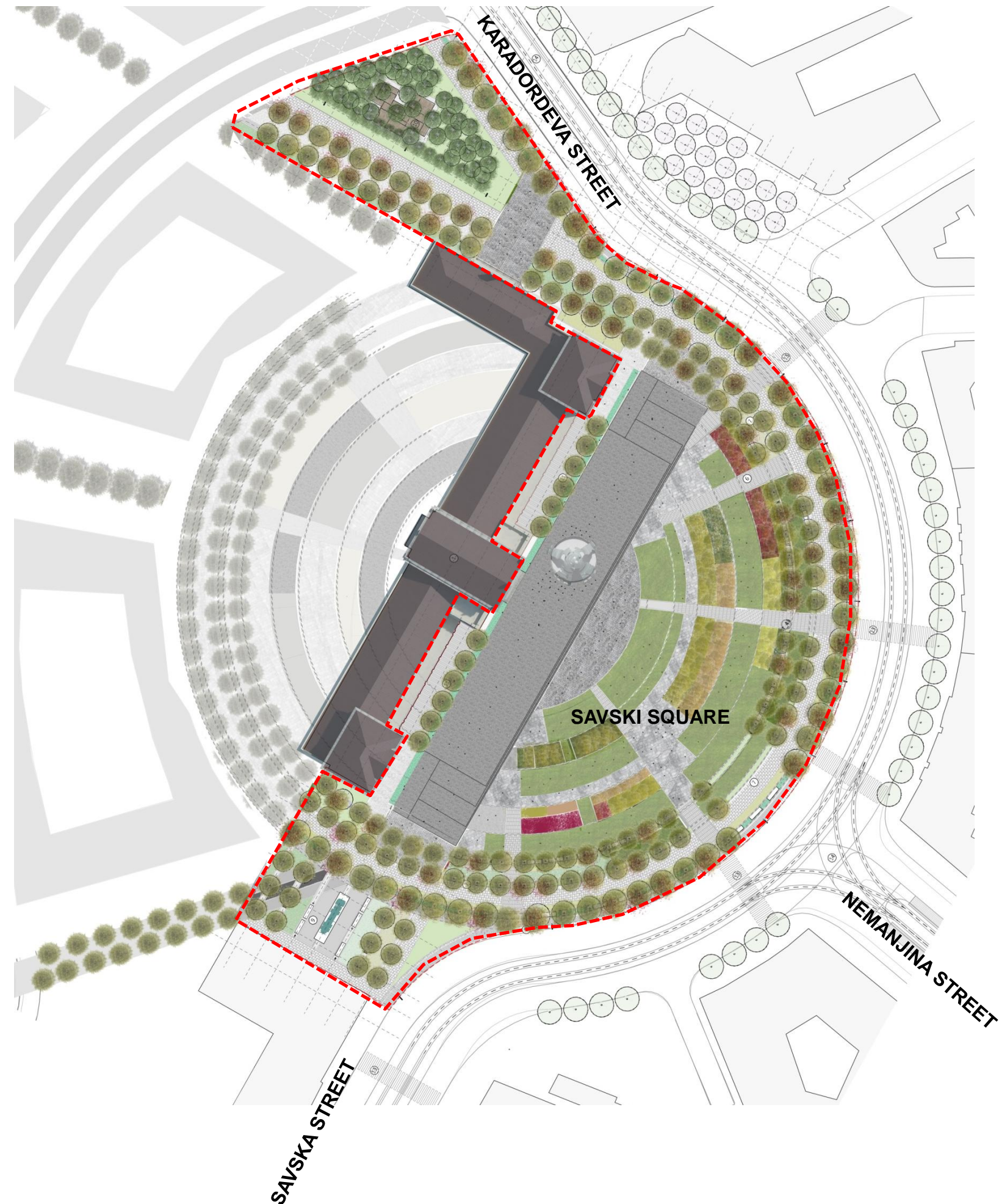
CREATES A NEW URBAN PLAZA FOR THE PEOPLE

INTEGRATES HARD AND SOFT LANDSCAPING

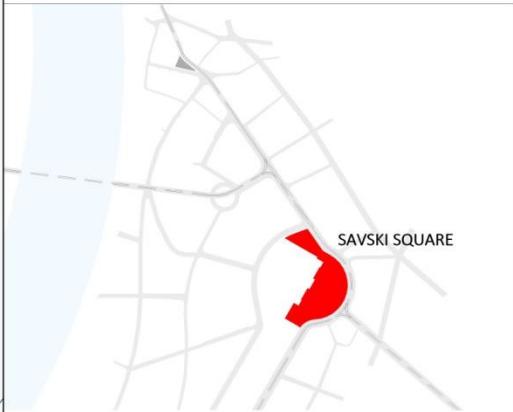
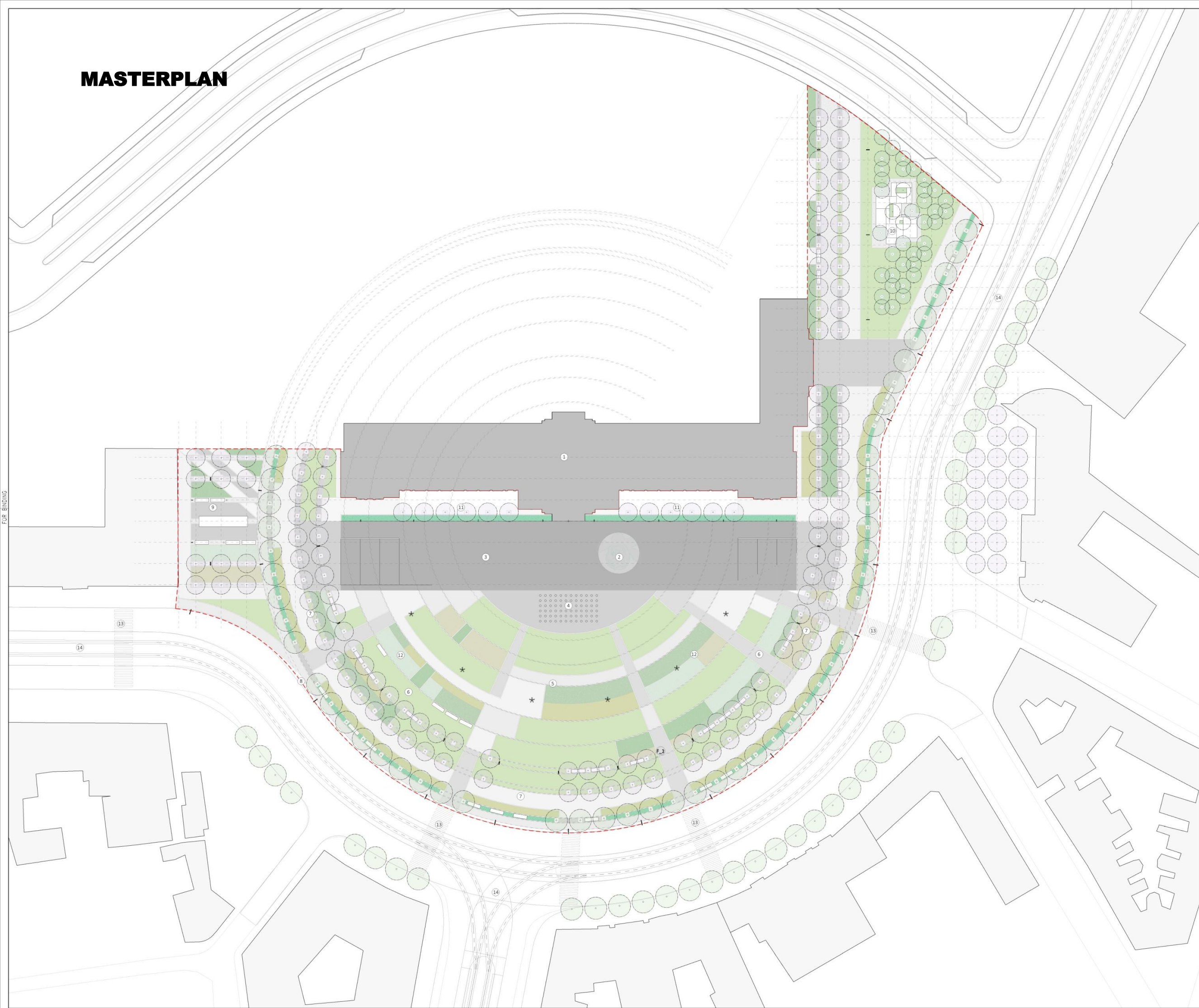
CONTROLS AND DISTRIBUTES THE URBAN TRAFFIC AND THE TRAMWAY

PROVIDES A SPACE FOR PEDESTRIAN MOVEMENT, AND INTEGRATION OF ECO TRANSPORT MEANS (BIKES, SEGWAYS ETC)

DEVELOP A GREEN URBAN BUFFER TO THE CITY (THE RAMBLA)



MASTERPLAN



KEY_MASTER PLAN	
NUMBER	DESCRIPTION
1	TRAIN STATION MUSEUM FUTURE MUSEUM
2	SINGULAR MONUMENT Nemanja Stature (OLS SERBIA)
3	PODIUM - "The Scenium" FOCUS SPACE WHICH HOLDS THE STATUE. PLATFORM SLIGHTLY RAISED TO THE SURROUNDING AREAS, FOR EVENTS AND FOR OUTDOOR MUSEUM
4	WATER FEATURE THE WATER FEATURE COMPRISES JETS DRY PLAZA ARRANGED IN A RECTANGULAR MATRIX PATTERN AND LED LIGHTING
5	MAIN PLAZA SQUARE - "The Caves" CIRCULAR SQUARE AROUND AND FOCUSED ON THE PODIUM
6	RADIAL AXES RADIAL PEDESTRIAN ACCESS TO THE PLAZA
7	SHADED SEMI-CIRCULAR BOULEVARD "THE RAMBLA" THE AREA AROUND THE PLAZA, WHICH IS MEANT TO BE A SORT OF SHADED HALF-RING CORRIDOR
8	BICYCLE LANE BIKE LANE INTEGRATED IN THE PERIMETER CIRCULATION OF THE SQUARE ACTING AS A SEPARATING ELEMENT BETWEEN THE ROAD AND THE BOULEVARD
9	MONUMENT TO THE SERBIAN RAILWAY SMALL SQUARE WHERE THE MAIN ELEMENT IS A STEAM TRAIN LOCOMOTIVE RESCUED FROM THE FRONT OF THE OLD STATION
10	BETULA SQUARE - ISLAND OF RELAXATION TRIANGULAR SQUARE WITH SOLID WOOD MODULAR BENCHES PLACED INSIDE BIRCH GROVE
11	RETAIL COFFEE SHOP TERRACES AREAS IN FRONT OF THE RESTAURANTS - COFFEE SHOPS WITHIN THE FUTURE MUSEUM. SPECIAL PAVEMENT TREATMENT
12	PLANTING AREAS SHRUBS AND GROUNDCOVERS CONCENTRIC GREEN AREAS REINFORCING THE IDEA OF GEARS AND CIRCULAR SHAPES
13	ZEBRA CROSSING (PROPOSED)
14	NEW TRAFFIC AND TRAM PROPOSED LAYOUT
15	NEW TRAVNICKI SQUARE SMALL TRIANGULAR SQUARE WITH SOLID WOOD MODULAR BENCHES PLACED INSIDE BIRCH GROVE FRAMED BY PAVING TRIM AND FORMAL TREE LINES FOLLOWING THE GENERAL CONCEPT OF THE SAVSKI SQUARE

NOTES:



REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:



developed by EAGLE HILLS

ARCHITECTS:



Campus Empresarial Arbes, Avenida de Pampalona 6 Edificio 2-4to 2-4to 2-4to, Madrid, Spain
Tel: +34 91 555 08 30 Fax: +34 91 555 08 30 www.fenwick.com



MARK FENWICK
JAVIER IRIBARREN

Concept Design
SAVSKI SQUARE, BELGRADE

TITLE: Master Plan

SHEET NUMBER:		SERIE:		ORIGINAL SIZE:		PAGE:
P11_L	010.1	3	REV:	SCALE:	1/500	

THE SAVSKI SQUARE MASTERPLAN

The following elements conform the new Master Plan for the Plaza, made up from a circular geometry which is complex in its formal implementation on the ground.

The square looks to develop not only the front of the Train Station, but also to develop ideas and suggestions for the rear of the station which will become free after the elimination of the tracks.

The front of the Stadium faces towards the old City, while the back of the stadium faces the New City.

In this case the station will remain as an object on the whole circular Plaza, responding to all the roads and urban scenario around the Plaza.

PLAZA DESIGNED FOR FUTURE PHASING TO THE REAR OF THE TRAIN STATION

The Northern Plaza and facade of Station

The TRAIN STATION (FUTURE MUSEUM)

The CIRCULAR GREEN BORDER a pedestrian avenue around the square, providing a green barrier for the inside of the square to the outside urban traffic

Radial pedestrian access to the Plaza

Concentric pedestrian areas

Concentric GREEN areas with landscaped plants and trees

Stefan Nemanja Statue

The PODIUM, a platform for events and for outdoor museum, which holds the statue and the Flag

The TRAMWAY

BIKELINE



ZONE A OF SAVSKI SQUARE

The square will be divided into three important areas, a square arriving by Karadordeva street, another arriving by Savska street and the central and most important space, the central square located in front of the Belgrade train station and in which the great Podium will be located

The main zone of the Savski Square is really divided into three main areas:

THE PODIUM

A flat horizontal hard landscaped area in front of the Train Station, and on which the Stefan Nemanja Statue will be located.

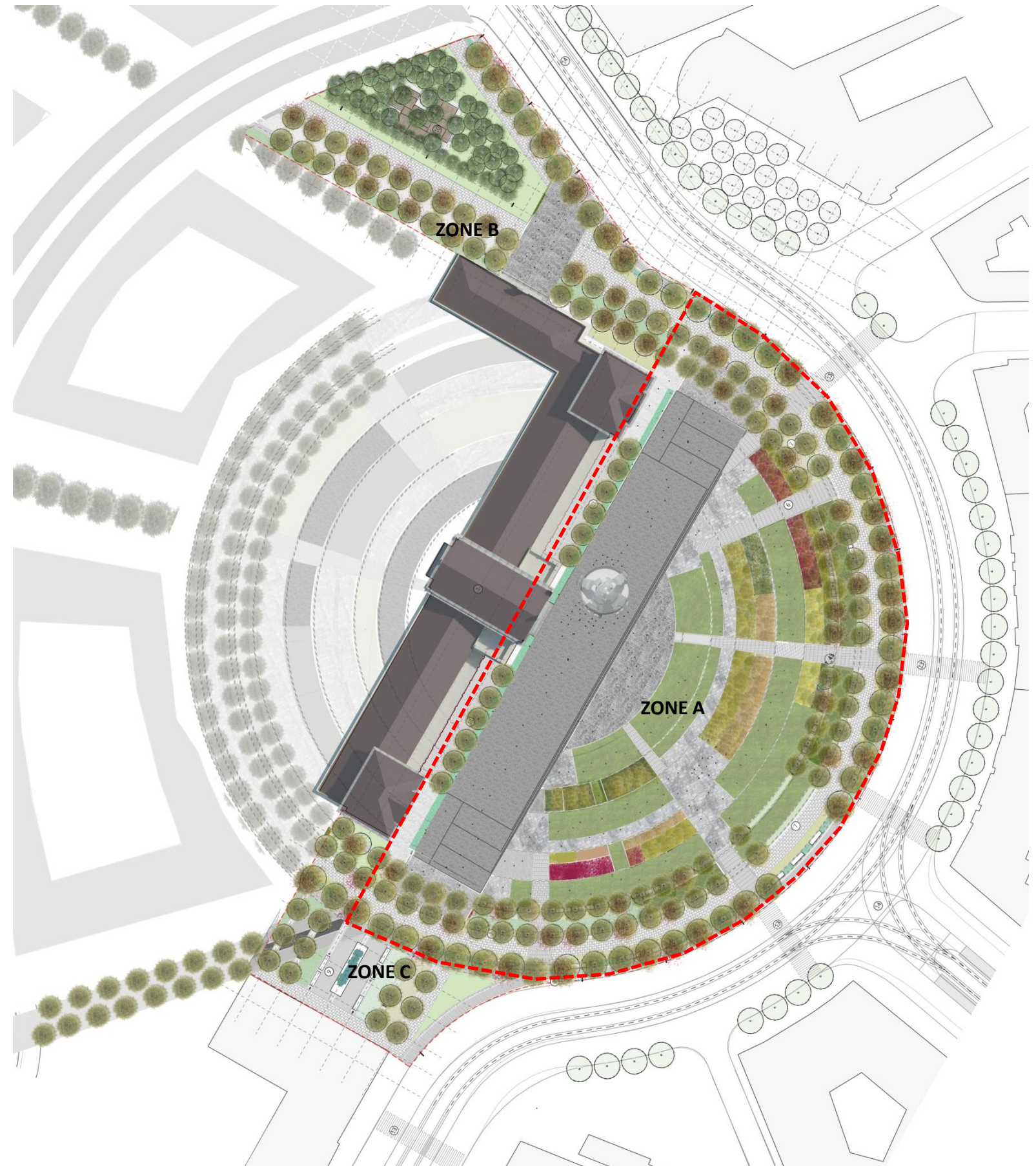
The Podium is an opportunity for using the space as an outdoor museum for other sculptures, or even for events and concerts.

THE CENTRAL SEMICIRCULAR AREA

This is an area which has a mixture of hard and soft landscaping, in concentric rings. In this space there are areas for the pedestrians to move and sit in a calm and safe space in the City.

THE RAMBLA

This is a semicircular boulevard around the exterior space to the street. It is a semi circular walkway between tree, and a second line of walkway between a further two rows of trees in which can be placed market stalls or food trucks etc.





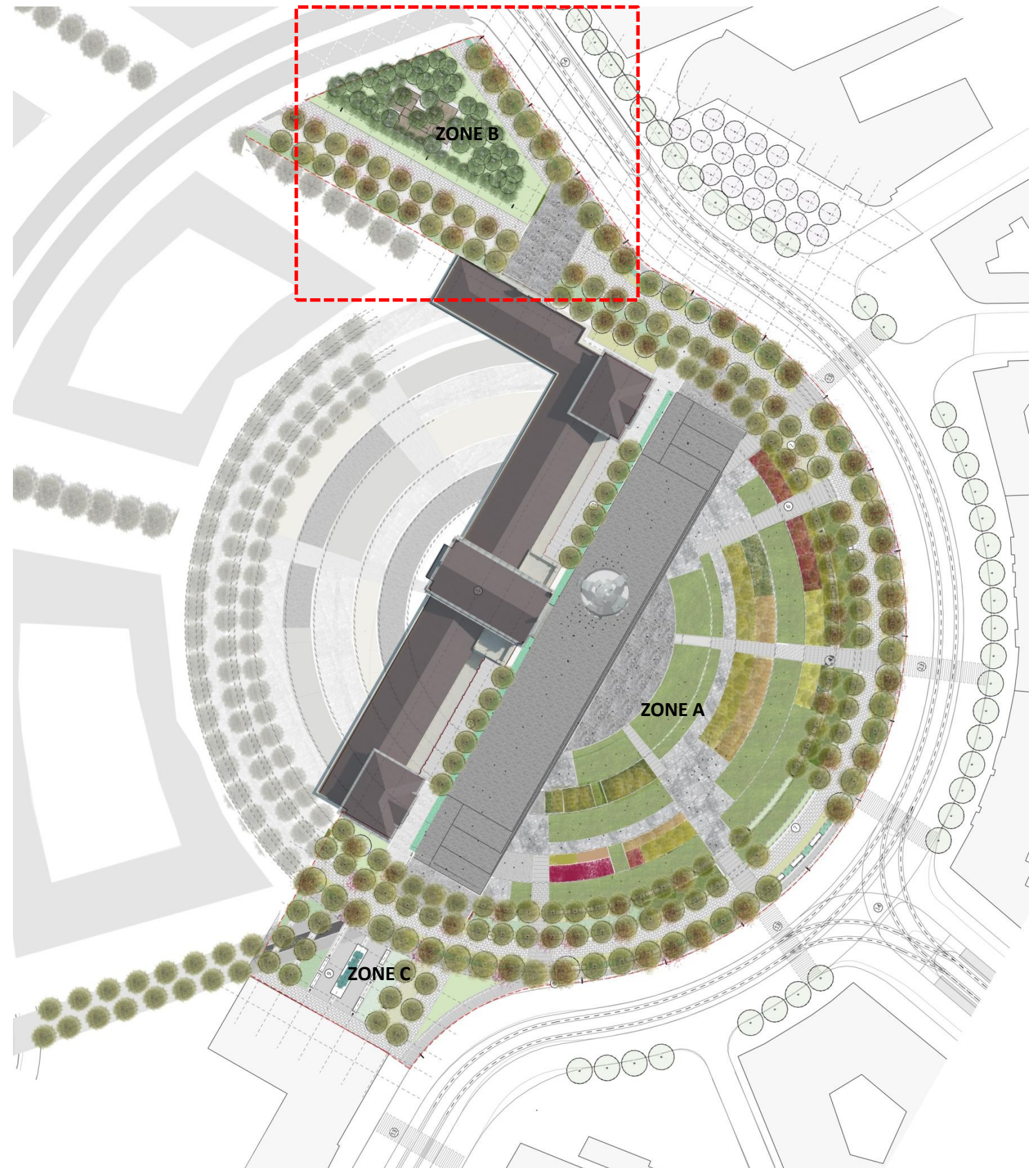
ZONE B OF SAVSKI SQUARE

Arriving from Karadordeva street we find the first area of the Savski square project.

It is a square a little smaller than the central space but with much prominence as it is in front of the lateral access to the Belgrade train station.

In this square we give importance to the pavement at the entrance to the station and at the same time create a wooded space of seating areas with exclusive urban furniture.

A small forest is created inside a square, an ideal place to meet people and rest.





ZONE C OF SAVSKI SQUARE

Zone C of the Savski square project is the smallest but not least important square.

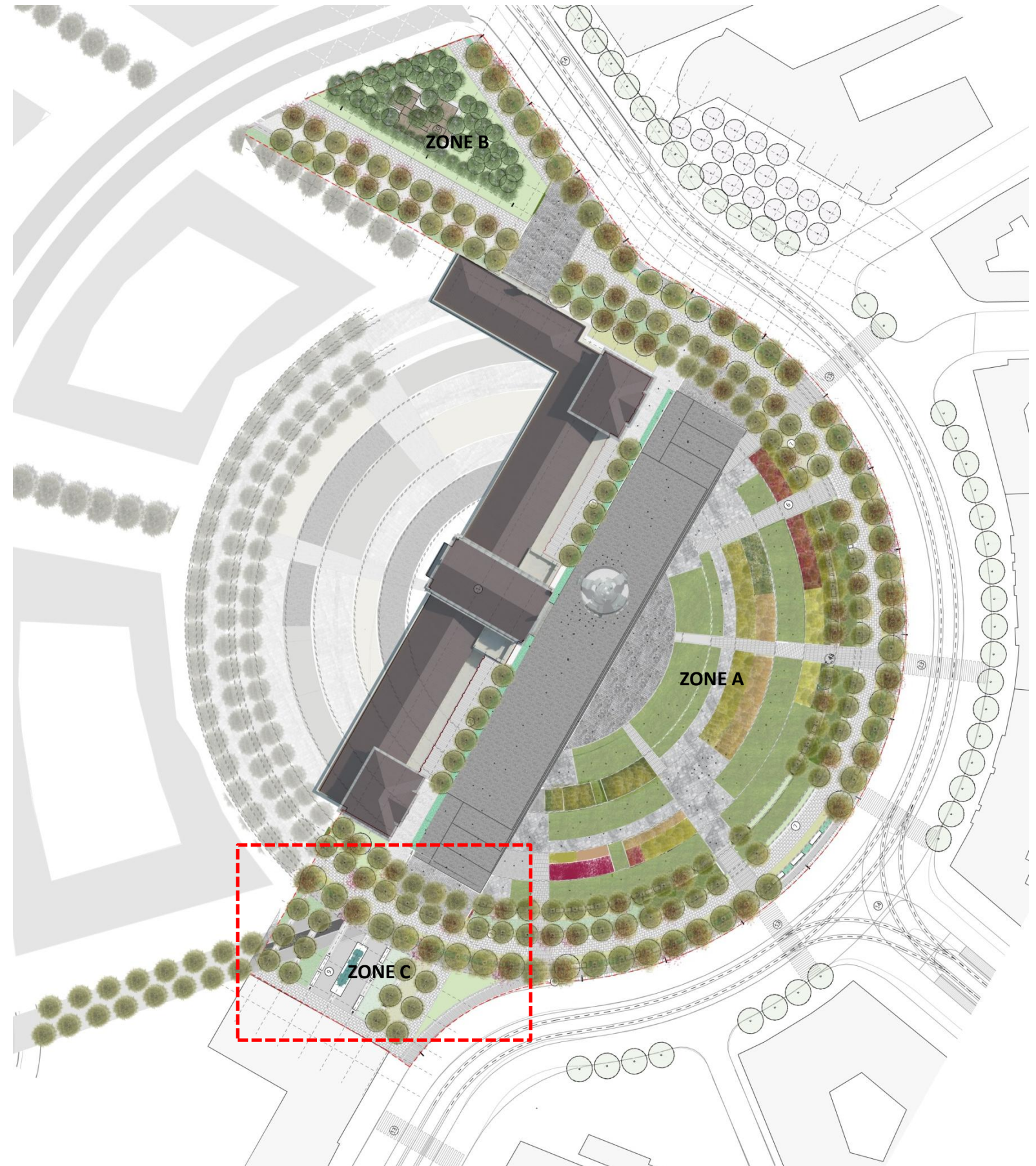
In this square we wanted to create a space that reminds us of the old Belgrade train station.

On the pavement the old train tracks are forming part of the urban furniture of the square.

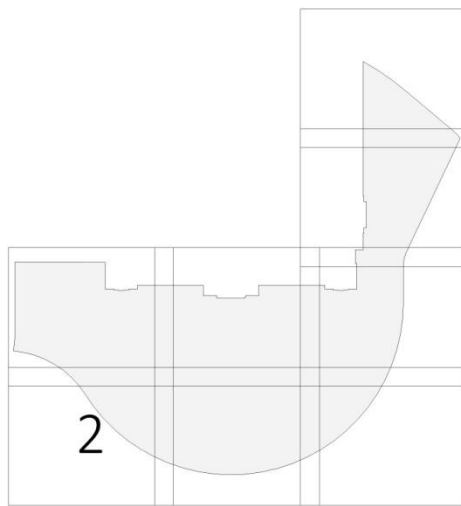
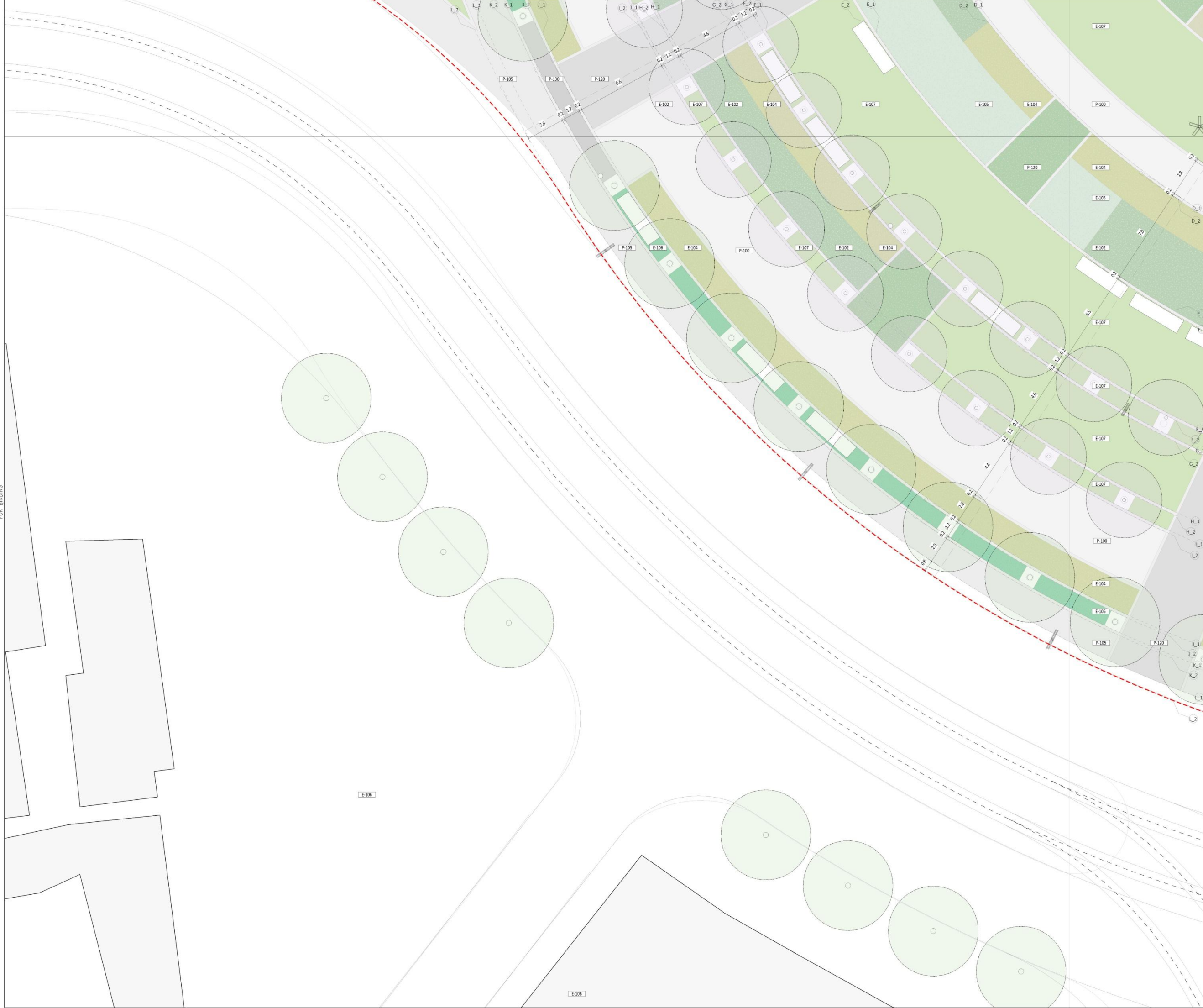
In the center of the square we find a train that has remained as a reminder of the use that this place had before.

We suggest the Historic train existing on the site as part of the remembrance of the Industrial times of Serbia in the last century, and when the Train Station was an important part of the life of the citizens of Belgrade and the world.

Therefore, a more sheltered and smaller space is created, which is ideal to create a rest and exhibition area.







NOTES:

ESCALA GRAFICA: 1/125
METROS
0 1 2 3 4 5 6 7 8 9 10

REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ	MF	APRB.	J1	APRB.	CC

CLIENT:



Belgrade Waterfront
developed by EAGLE HILLS

ARCHITECTS:



FENWICK IRIBARREN
Campus Empresarial Activa, Avenida de Fuencarral 6 Edificio 2º PB 28106 Alcobendas, Spain
tel. +34 91 555 68 36 fax +34 91 555 68 53 info@fi-a.com

CeS.TRA

MARK FENWICK


JARROLD IRIBARREN


Concept Design
SAVSKI SQUARE, BELGRADE

TITLE:

Master Plan (2/8)

SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
P11_L 010.3	3		1/125		CD



ESCALA GRAFICA: 1/125.

ESCALA GRÁFICA: 1/125

METROS

REV.	DESCRIPTION	DATE

REV.	DESCRIPTION						DATE
DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC

CLIENT:	
---------	--



ARCHITECTS:



CeS.TRA

MARK FENWICK

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Master Plan (3/8)

SHEET NUMBER:
P11_L 010.4

SERIE:
3

REV:	ORIGIN
	SCALE
	1/125

FASE:	CD
-------	----



NOTES:

ESCALA GRAFICA: 1/125

[illegible]

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:



ARCHITECTS:



CeS.TRA

MARK FENRICK JAVIER H. WARREN

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

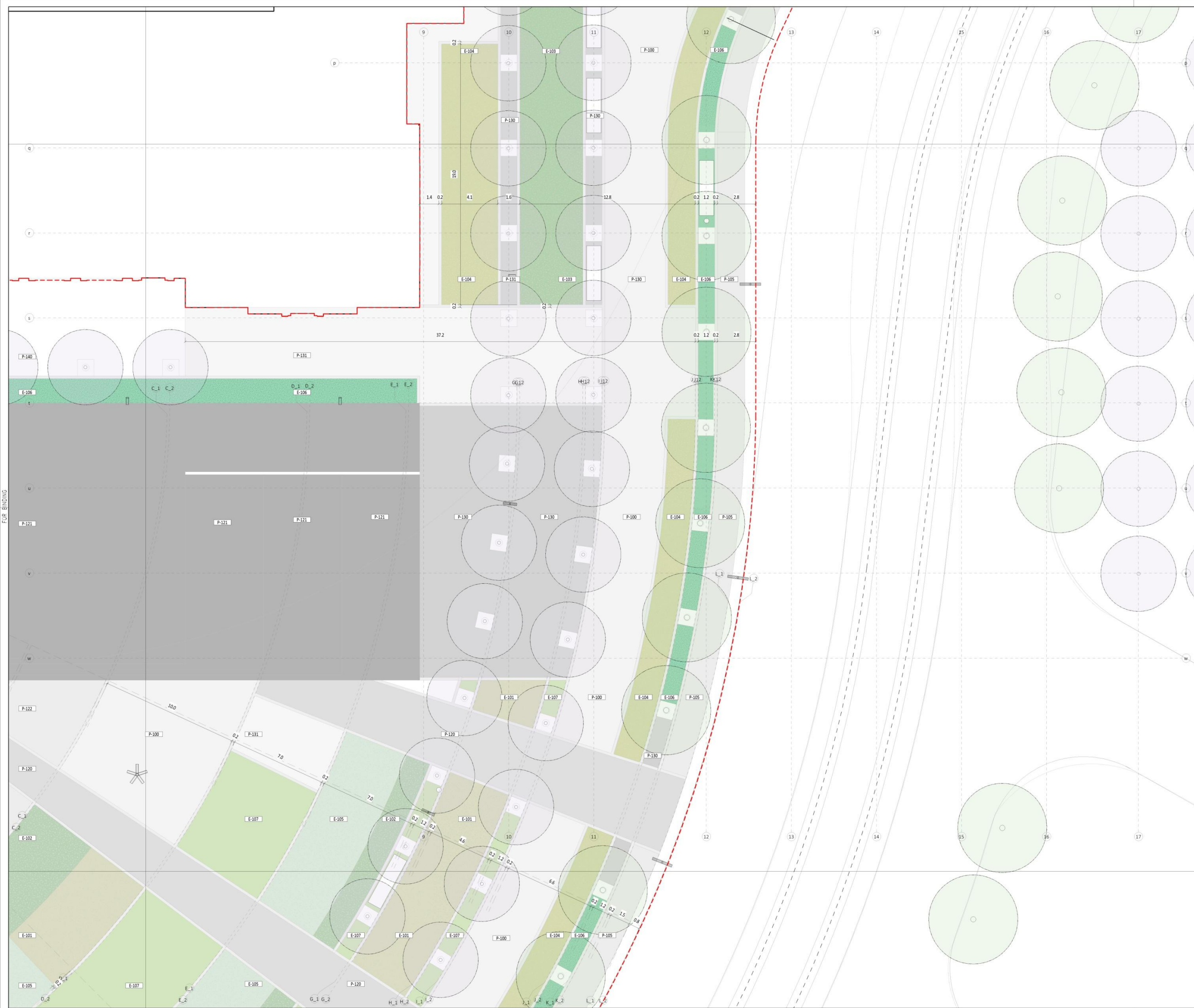
Master Plan (4/8)

SHEET NUMBER:
P11_L 010.5

SERIE: 3 REV:

ORIGINAL SIZE:
SCALE:
1/125

FASE:	CD
-------	----



NOTES:

ESCALA GRAFICA: 1/125

ESCRIBIR
METROS

[illegible]

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:



ARCHITECTS:



CeS.TRA

MARK FENWICK JAVIER H. BARREN

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Master Plan (6/8)

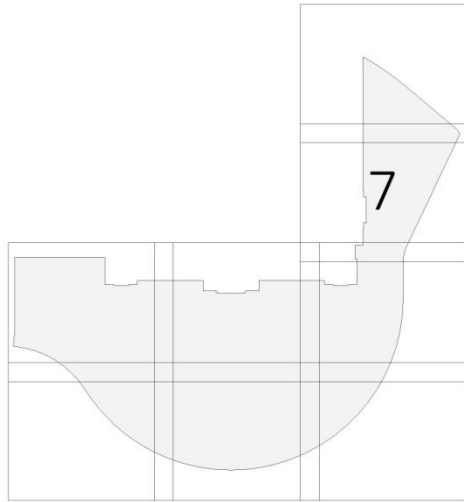
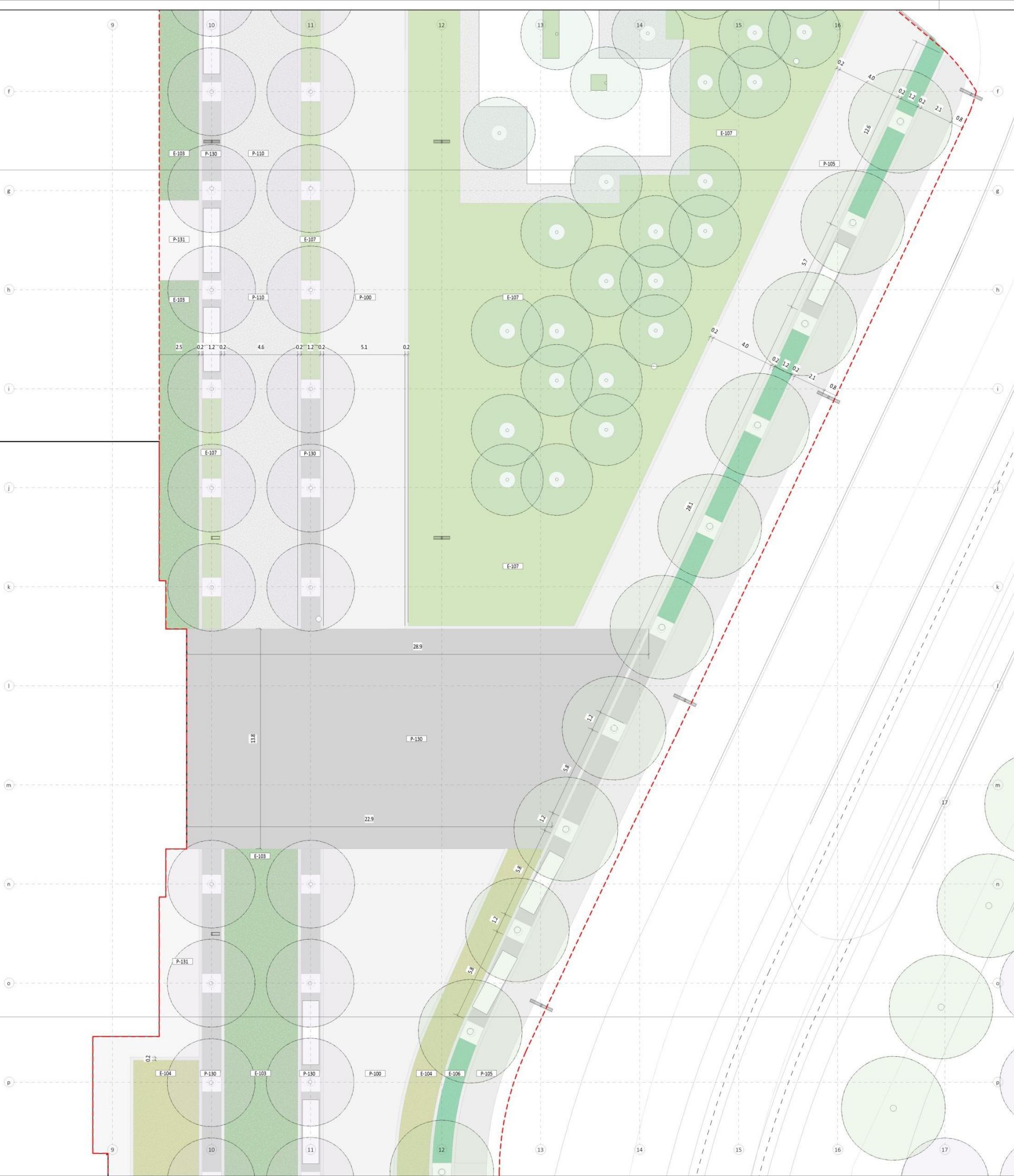
SHEET NUMBER:
P11_L 010.7

SEP
3

E: REV

ORIGINAL SIZE:
SCALE:
1/125

	FAST
	C



NOTES:



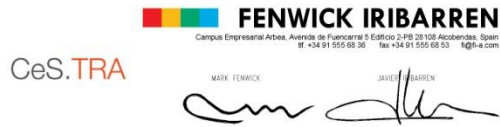
REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JL	APRB.	CC

CLIENT:



ARCHITECTS:

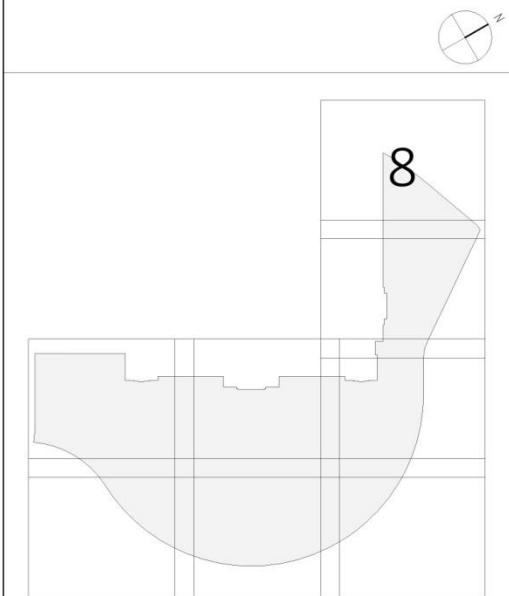
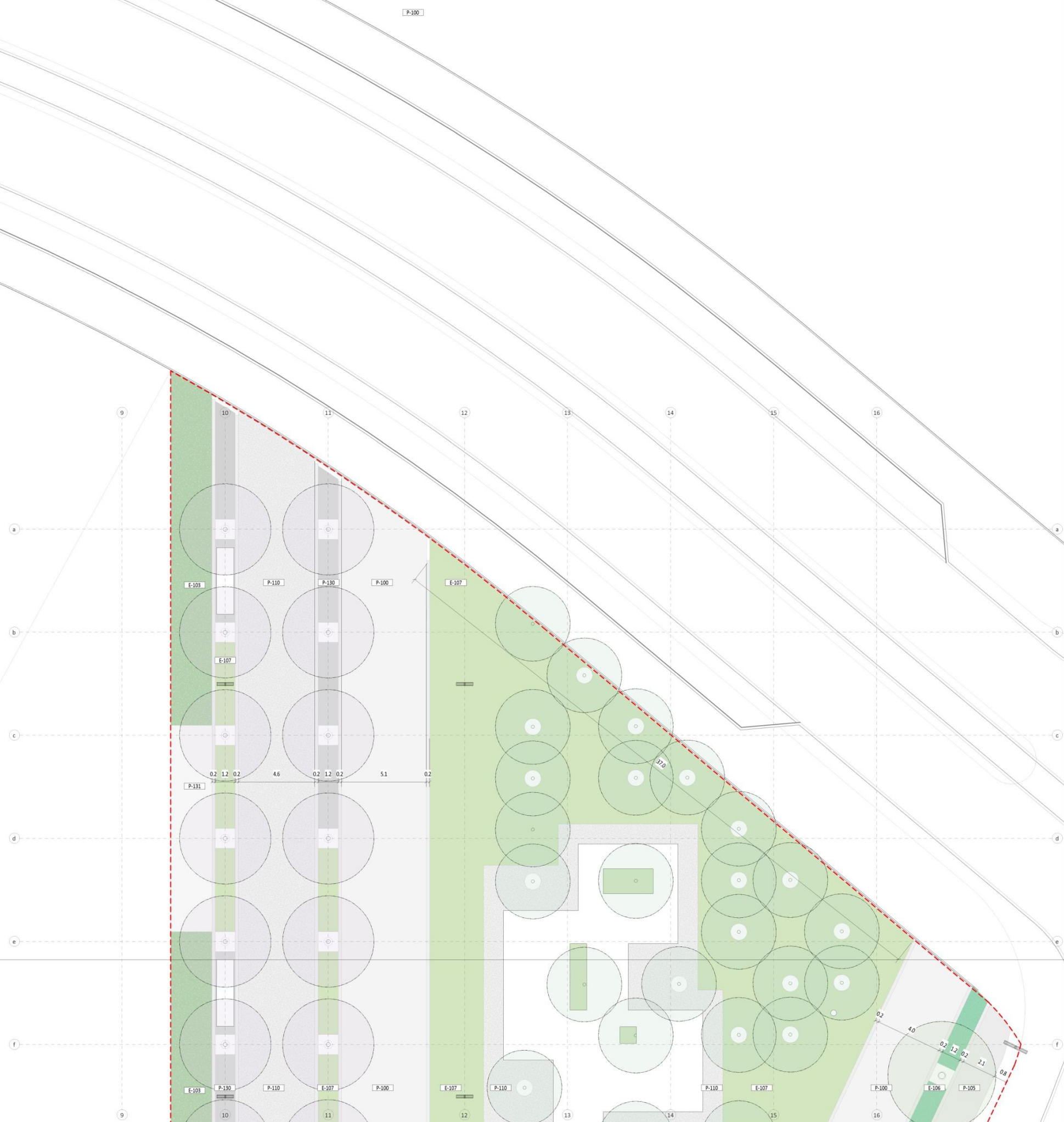


Concept Design
SAVSKI SQUARE, BELGRADE

TITLE: Master Plan (7/8)

SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	PAGE:
P11_L 010.8	3		1/125		CD

FOR BINDING



NOTES:



REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JL	APRB.	CC

CLIENT:



developed by EAGLE HILLS

ARCHITECTS:



Campus Empresarial Arbes, Avenida de Francisco I. Carrasco 2780 28100 Alcobendas, Spain
tel. +34 91 555 08 30 fax +34 91 555 08 31 firi.com



MARK FENWICK



JAVIER IRIBARREN

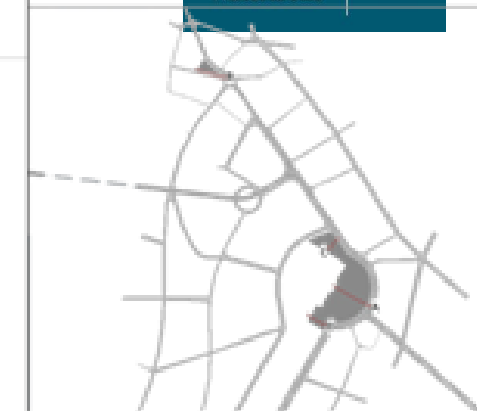
Concept Design
SAVSKI SQUARE, BELGRADE

TITLE: Master Plan (8/8)

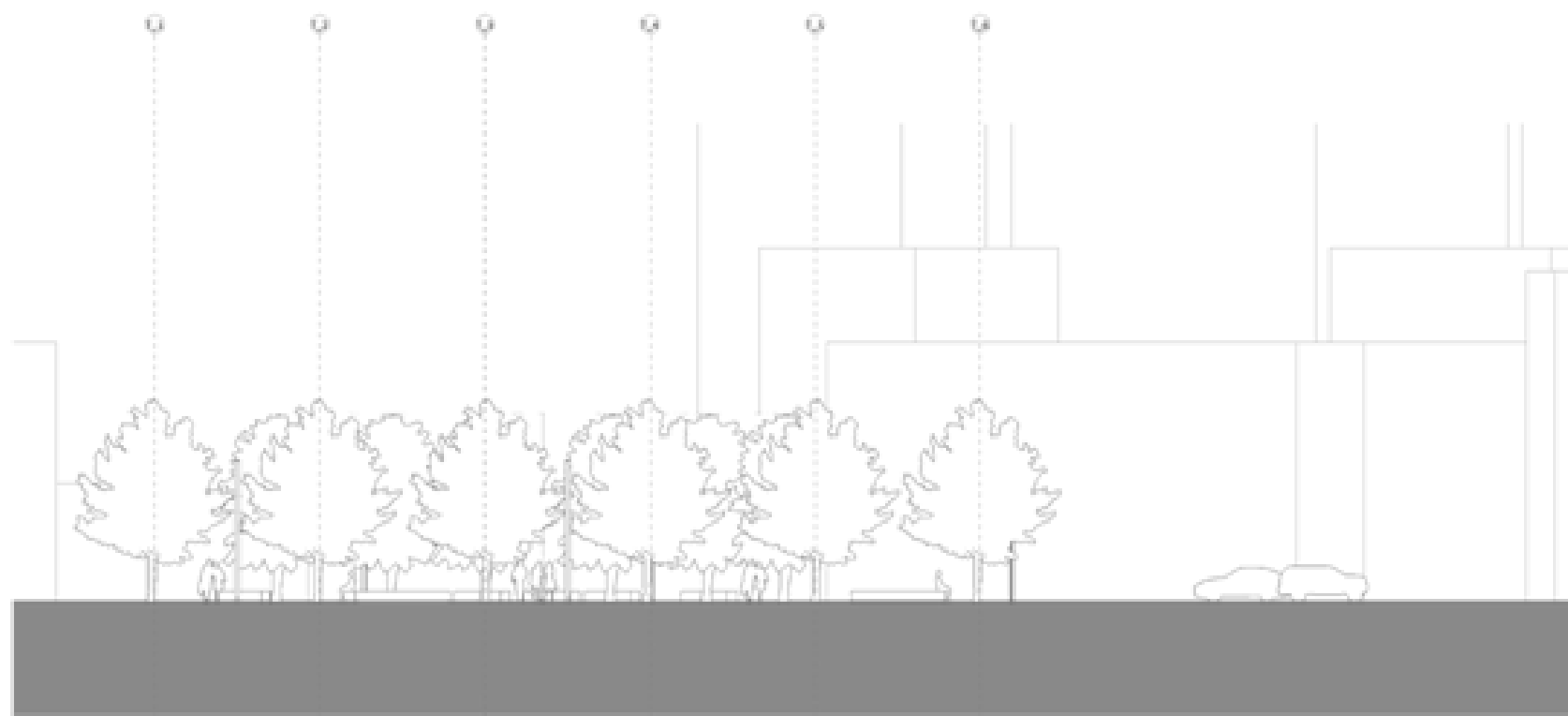
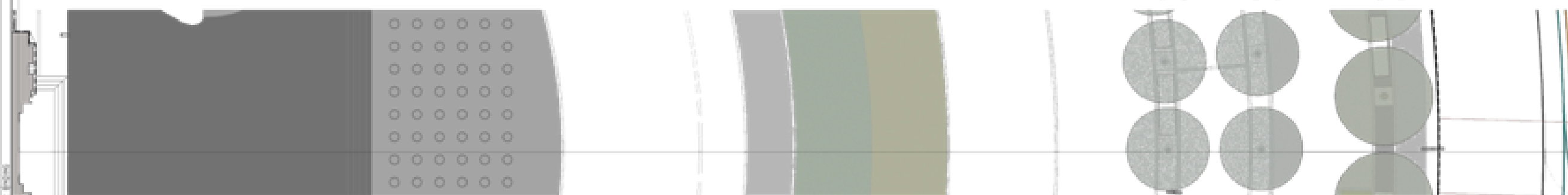
SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	PAGE:
P11_L 010.9	3		1/125		CD

SECTIONS OF SAVSKI SQUARE

Belgrade
Waterfront



Section A
1 : 150



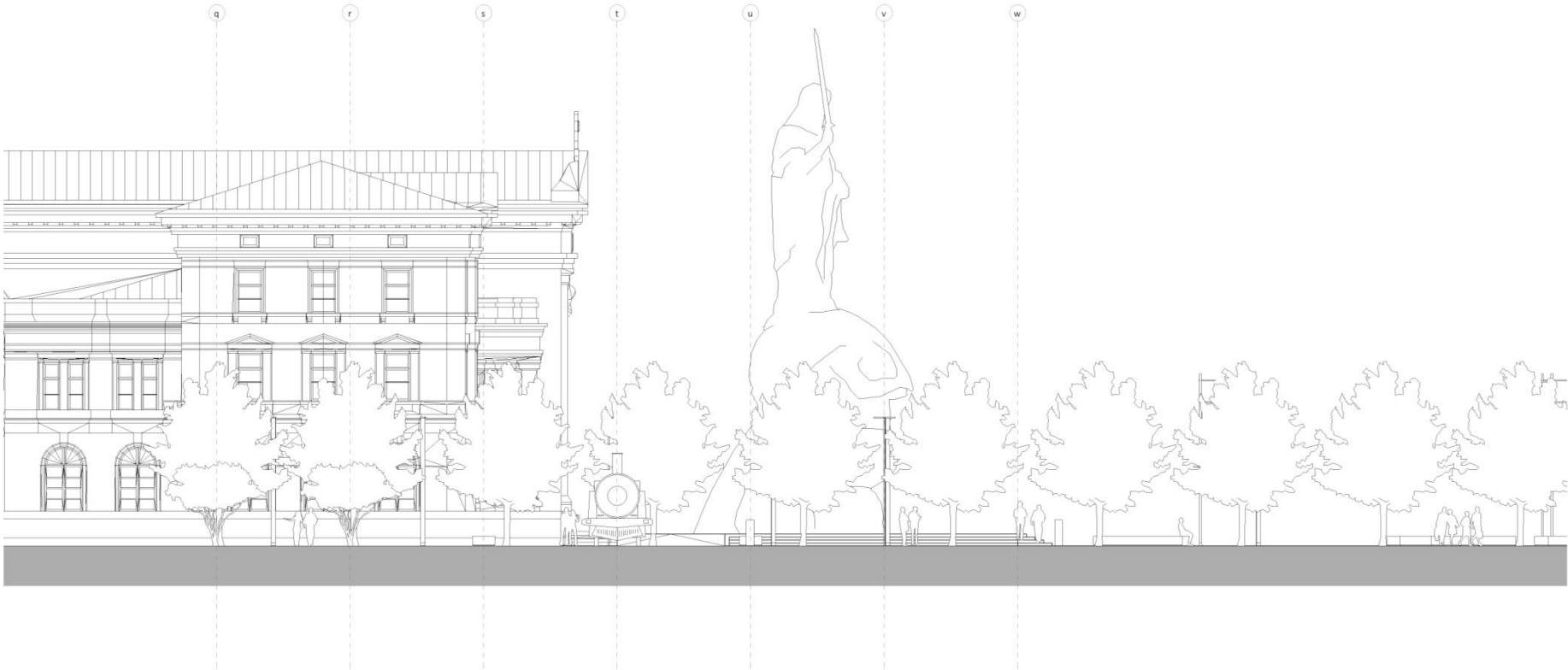
Section B
1 : 150

REV.									
GRAPHIC SCALE 1/150 0 1 2 3 4 5 6 7 8 9 10									

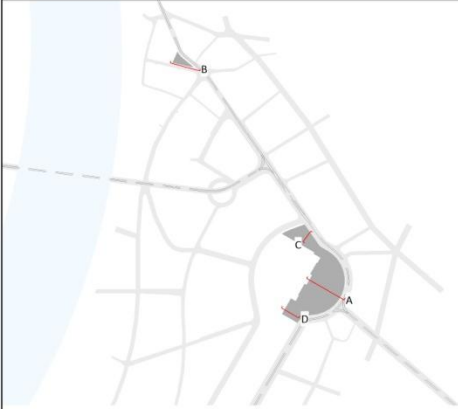
SECTIONS OF SAVSKI SQUARE



Section C
1 : 150



Section D
1 : 150



NOTES:



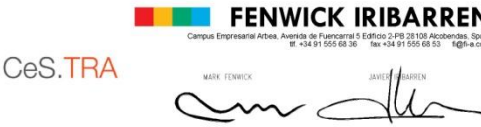
REV.	DESCRIPTION	DATE

DIB.	Author	CHEQ	Checker	APRB	Approver	APRB	Designer
------	--------	------	---------	------	----------	------	----------

CLIENT:



ARCHITECTS:



Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Partial Sections 2

SHEET NUMBER:	SERIE:	REV:	ORIGINAL SIZE:	PAS
P11 L 081	7	As indicated		



THE STEFAN NEMANJA STAUTUE

IN THE PLAZA AS A SYMBOL OF THE OLD SERBIA

THE SYMBOL OF STEFAN NEMANJA'S STATUE

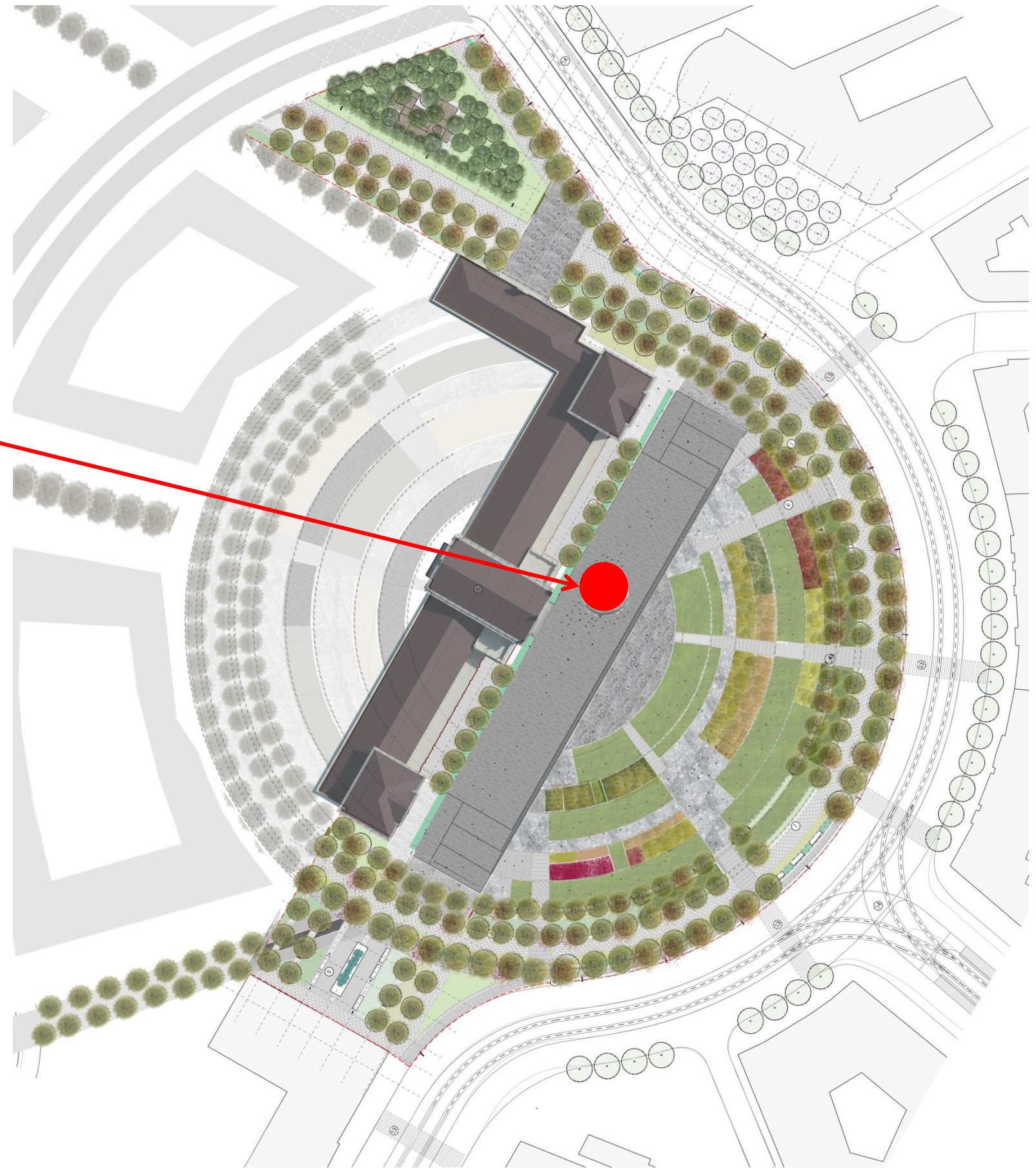
The location of the STEFAN NEMANJA statue on the centre of the Plaza looks to be in the main axis of the square continuing Nemanjina Street and the centre of the Railway Station.

One of the main design intents of this project is to create a Square which can be a space of great **NATIONAL AND CITY PRIDE**.

The position of the Stefan Nemanja statue is such that it becomes the main focus to the square and the sheer size of the statue will ensure it becomes an International reference to the City.

STEFAN NEMANJA MONUMENT

REPRESENTS THE OLD KINGDOM WHICH FOUGHT AGAINST THE OTTOMAN EMPIRE



THE STEFAN NEMANJA STATUE

Statues have been ways in which countries and cities have commemorated their famous people in history.

They are very strong elements which not only represent the person himself, but at times the great achievements they have made.

In the case of STEFAN NEMANJA the statue makes homage to this great historical person for the history of Serbia

In this case the person of Stefan 'Nemanja not only represents himself, but the symbol of the OLD SERBIA, and its glorious history.

The recent competition to develop a statue has come forward with the winning and selected solution, large and monumental statue which needs to be placed in a position of homage both the persons and to the history of old Serbia.



THE STEFAN NEMANJA STATUE



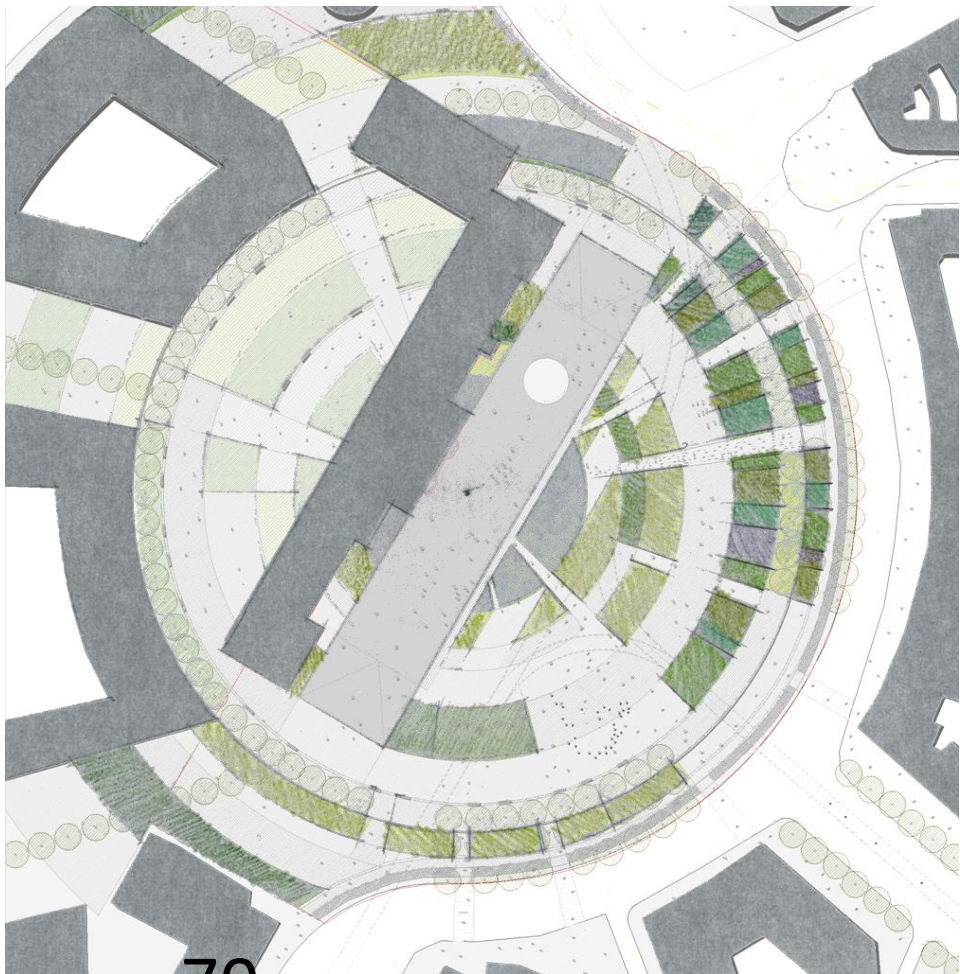
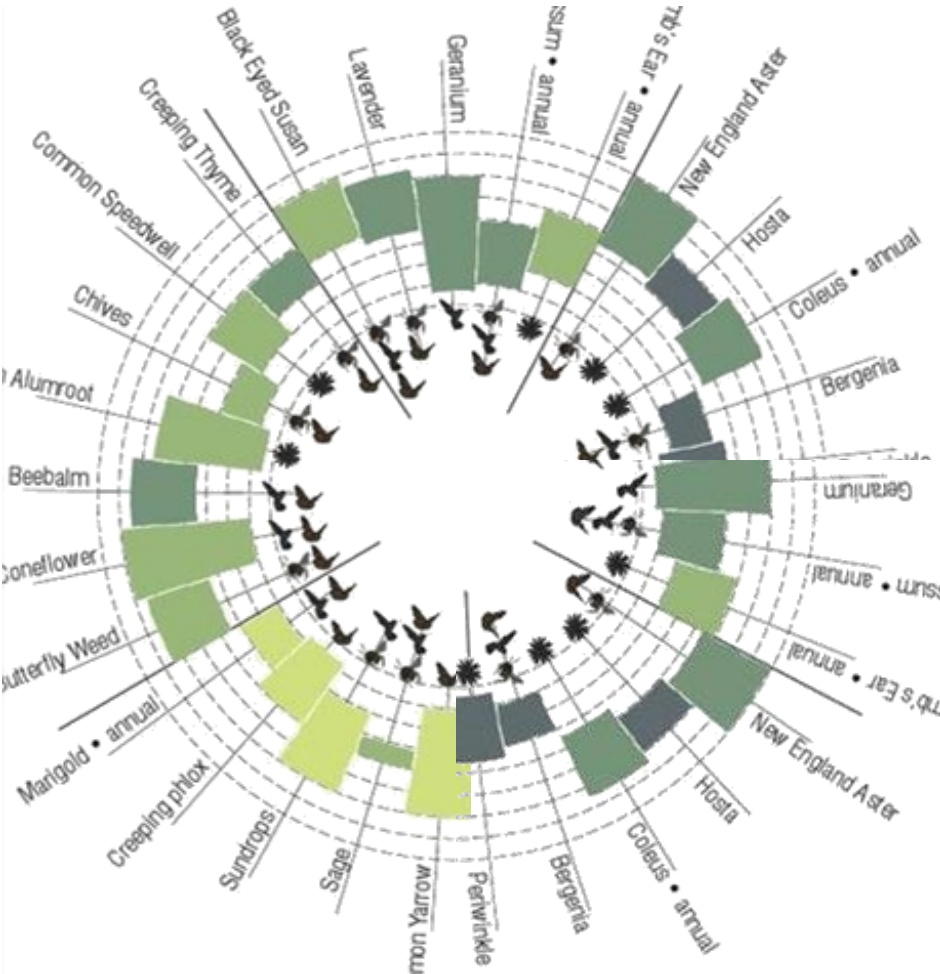
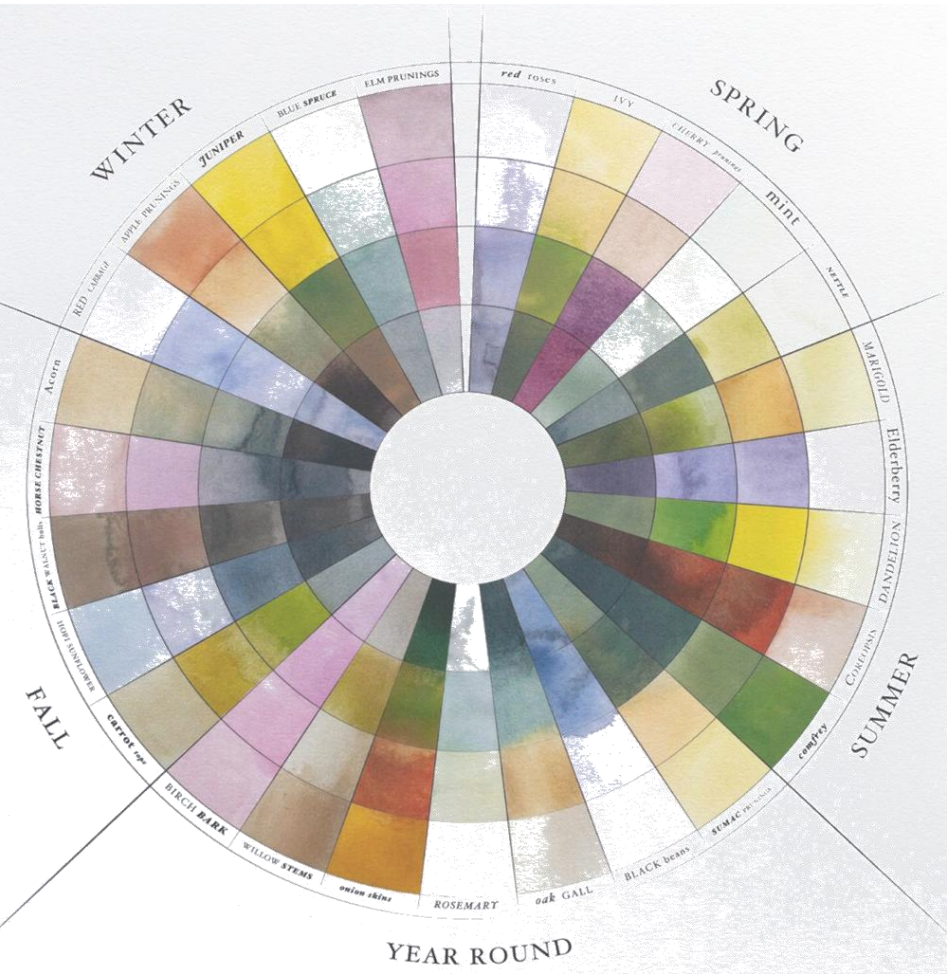


LANDSCAPE

SAVSKI SQUARE IN THE CITY OF BELGRADE

A FULCRUM BETWEEN THE OLD AND THE NEW CITY

LANDSCAPE PRELIMINARY CONCEPTS
SEASONAL COLOR PLANTING WHEEL



LANDSCAPE CONCEPT VIEW

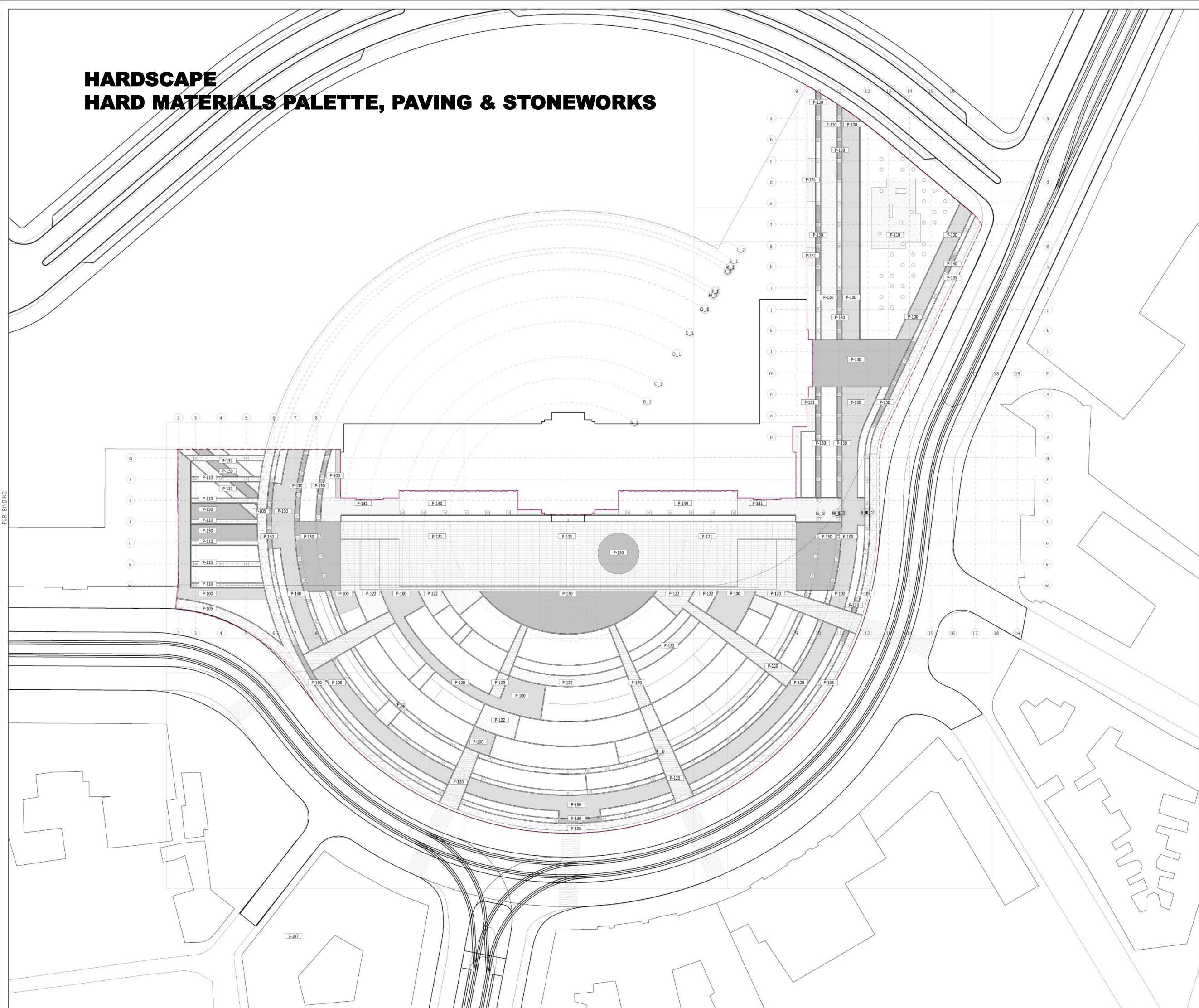




HARDSCAPE

**HARD MATERIALS PALETTE
PAVING & STONeworks**

HARDSCAPE
HARD MATERIALS PALETTE, PAVING & STONeworks



KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BYCICLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPOM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:



REV.	DESCRIPTION	DATE
------	-------------	------


DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:




Belgrade Waterfront
developed by EAGLE HILLS


ARCHITECTS:



FENWICK IRIBARREN
Campus Empresarial Avda. Avenida de Francisco S. 100 28 100 Alcobendas, Spain
Tel: +34 91 555 68 36 Fax: +34 91 555 68 53 info@f-i.com



CeS.TRA



MARK FENWICK JAVIER IRIBARREN

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Hard Scape General Plan

SHEET NUMBER:		SERIE:		REV:		ORIGINAL SIZE:		SCALE:		PAGE:	
P11_L 020.1		4				1/500				CD	

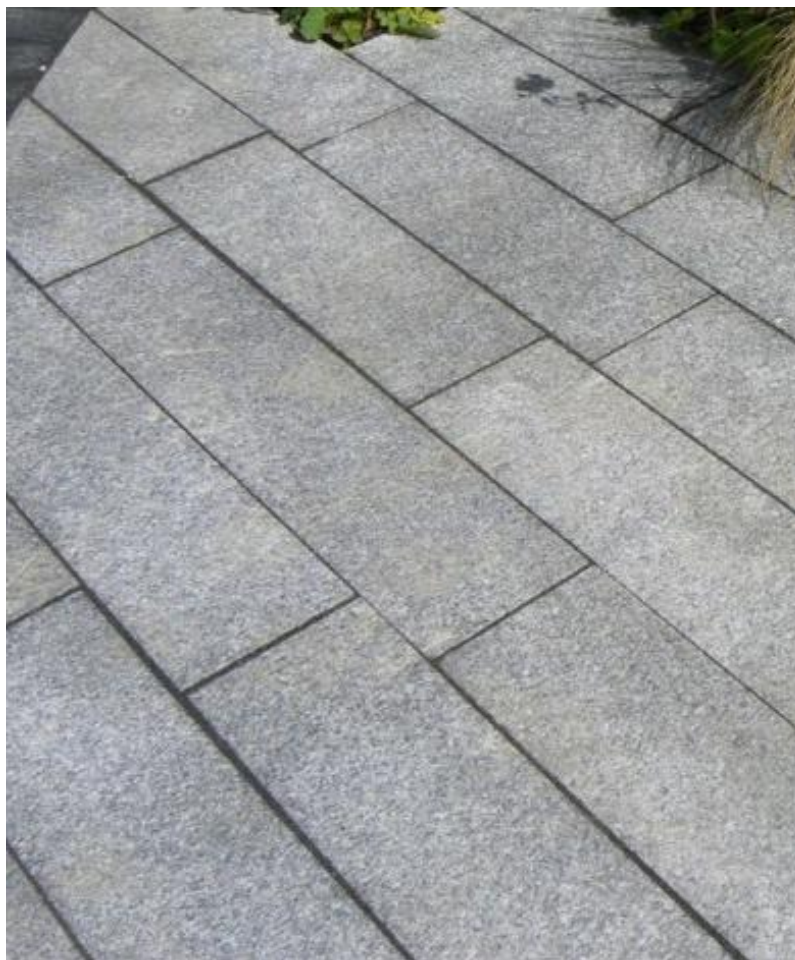
HARDSCAPE HARD MATERIALS PALETTE, PAVING & STONEWORKS

Granite Paving Slabs (8cm thickness).

Different formats, sizes and finishes. Granite is a durable and hard-wearing Natural Stone with a flamed surface which provides a non-slip and scratch resistant finish to compliment any outdoor space. These large or linear format natural stone pavers are a perfect choice for creating a modern or minimalistic.

Different slabs typologies

- Granite. Slab 60*60/60*40/60*20. Singular finish. Semi-circular boulevard “the rambla”
- Granite. SIZE SLAB 150*20 BYCICLE LANE.
- Granite. SIZE SLAB 100*40/100*20. Radial axes black
- Black granite. Size slab 100*40. Podium - "the scenium"
- Granite. Size slab 100*40 ring secondary paths



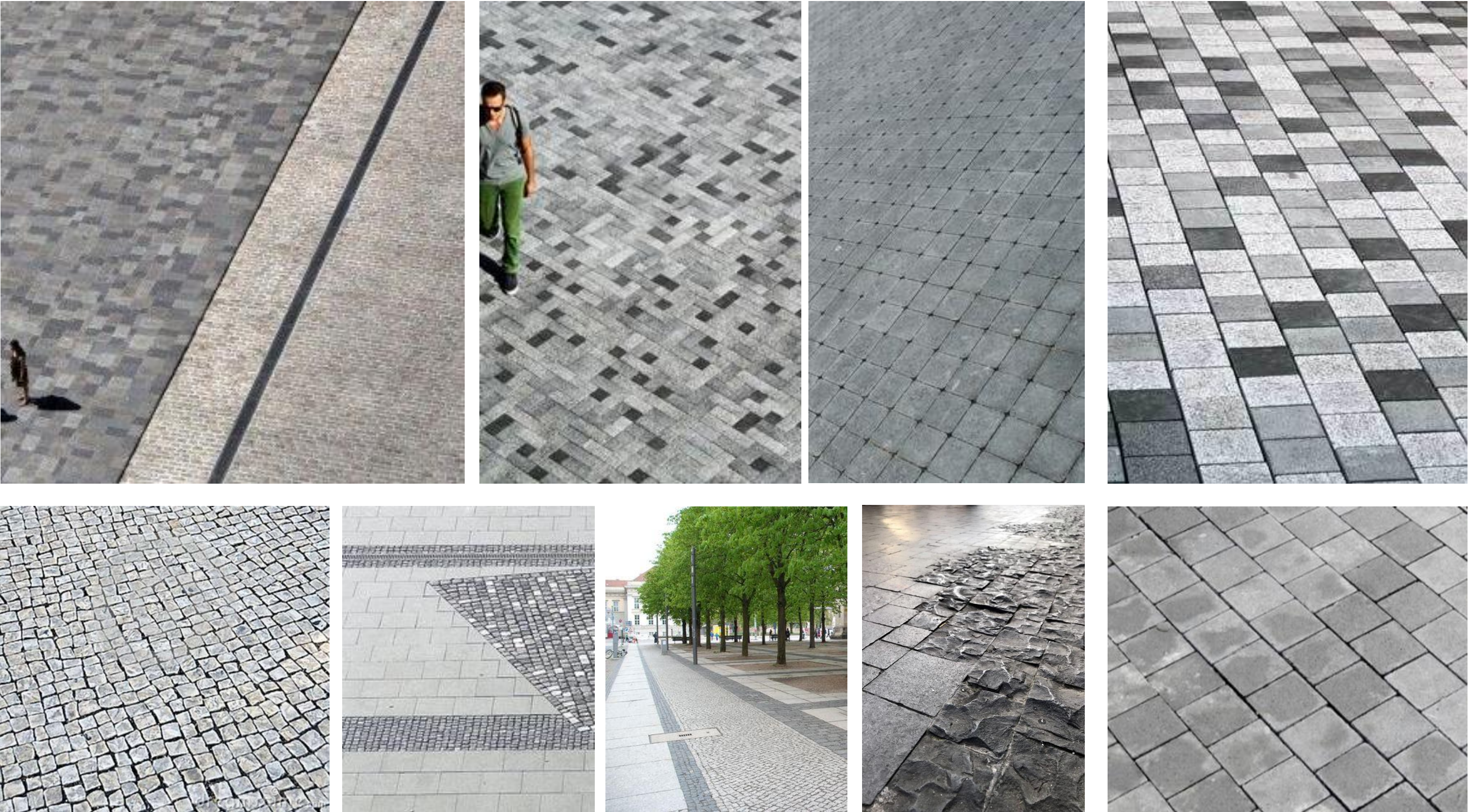
HARDSCAPE

HARD MATERIALS PALETTE, PAVING & STONEWORKS

- Granite Paving Setts (8cm thickness).

Colour typologies:

 - Grey granite set. Size 10*10. Railway monument square, smaller scale spaces and bands of pavement between trees grates
 - Light grey granite set. Size 10*10 residual spaces around the building of the train station



HARDSCAPE

PERMEABLE RESIN BOUND GRAVEL

P-110 Resin bound gravel

This paving is created by encapsulating natural gravel aggregate within a polyurethane resin, this mixture is then laid out onto a prepared (typically macadam) sub base. When the mixture is screeded, it leaves a smooth textured and durable surface which looks great and lasts a long time. The resin-bound paving is ideal for urban areas as the full system is SUDS compliant to allow water to drain away quickly; this stops the surface from holding water during wet weather. This paving design can be used for other purposes such as pathways, access roads, etc.



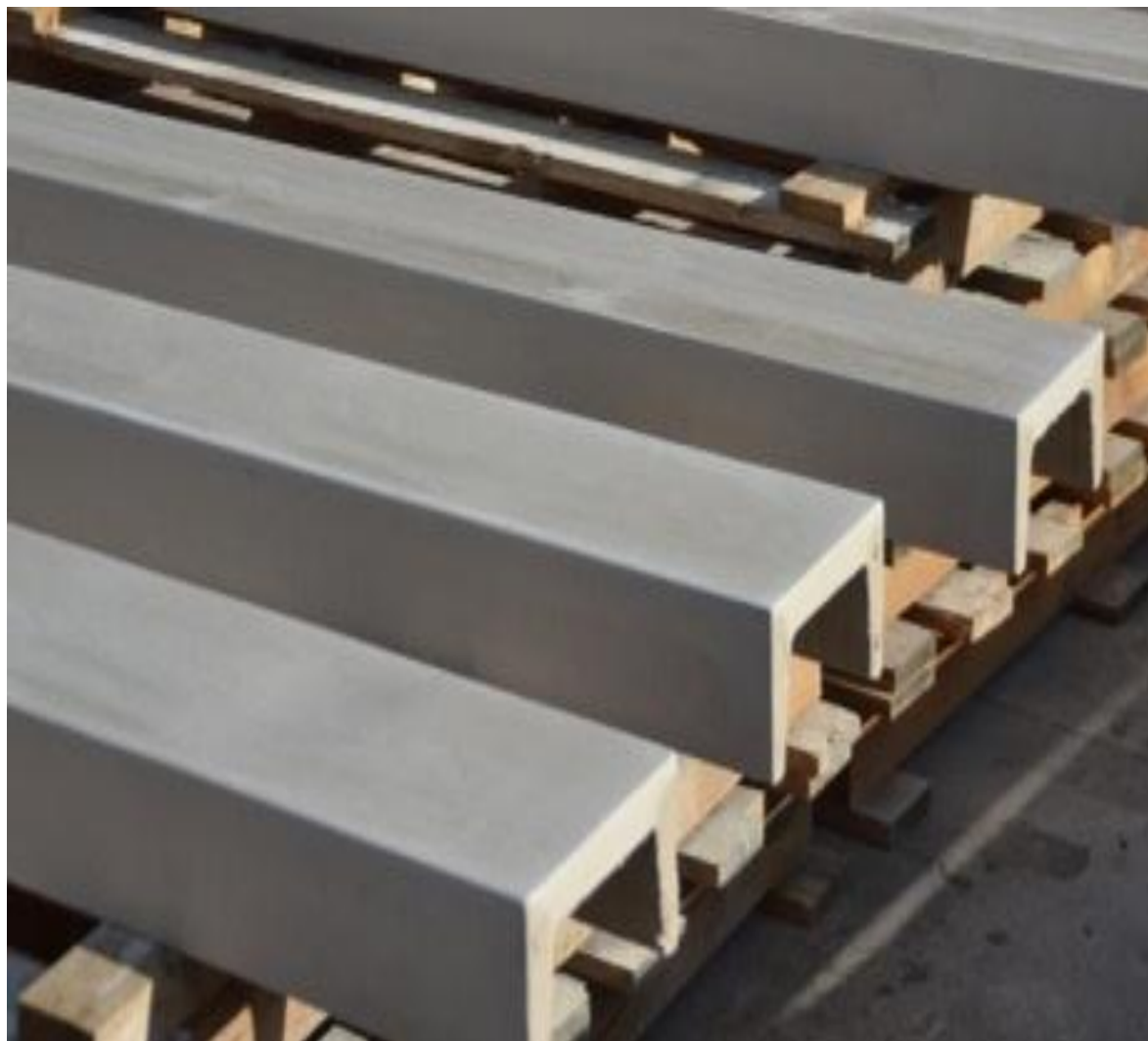
HARD MATERIALS PALETTE, PAVING & STONEWORKS

UPDM CONCRETE SLAB WOODGRAIN TEXTURE

P-140 TERRACE AREAS

UPDM CONCRETE. SIZE 200*20. WOOD FINISH. modular slab

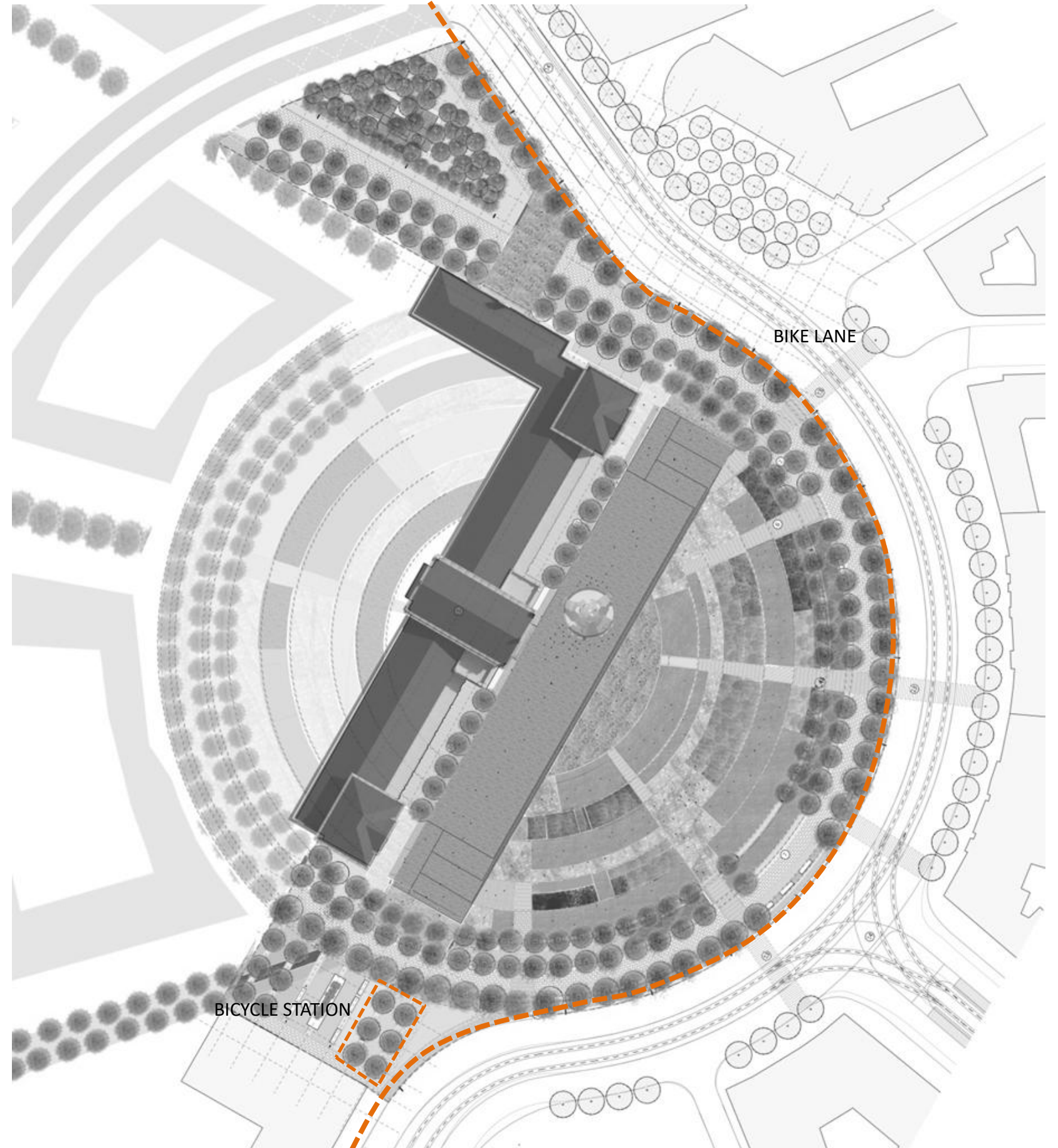
UHPG concrete are the components of this modular industrialized system. The wood-like texture optimizes the tactile conditions of the walking surface. The system consists of two parts assembled to build walkways or platfor - ms in variable dimensions, laid on a bed of sand or embedded in lawns. A textured extruded “U”shaped piece, 2 m long and 20 cm wide, engages with a toothed lateral support on both sides.

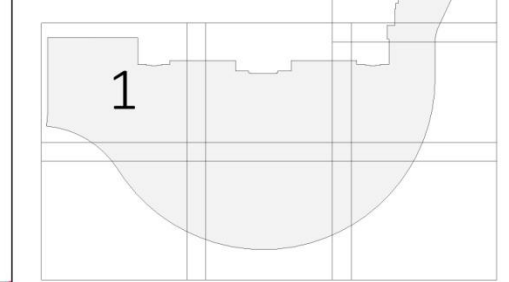
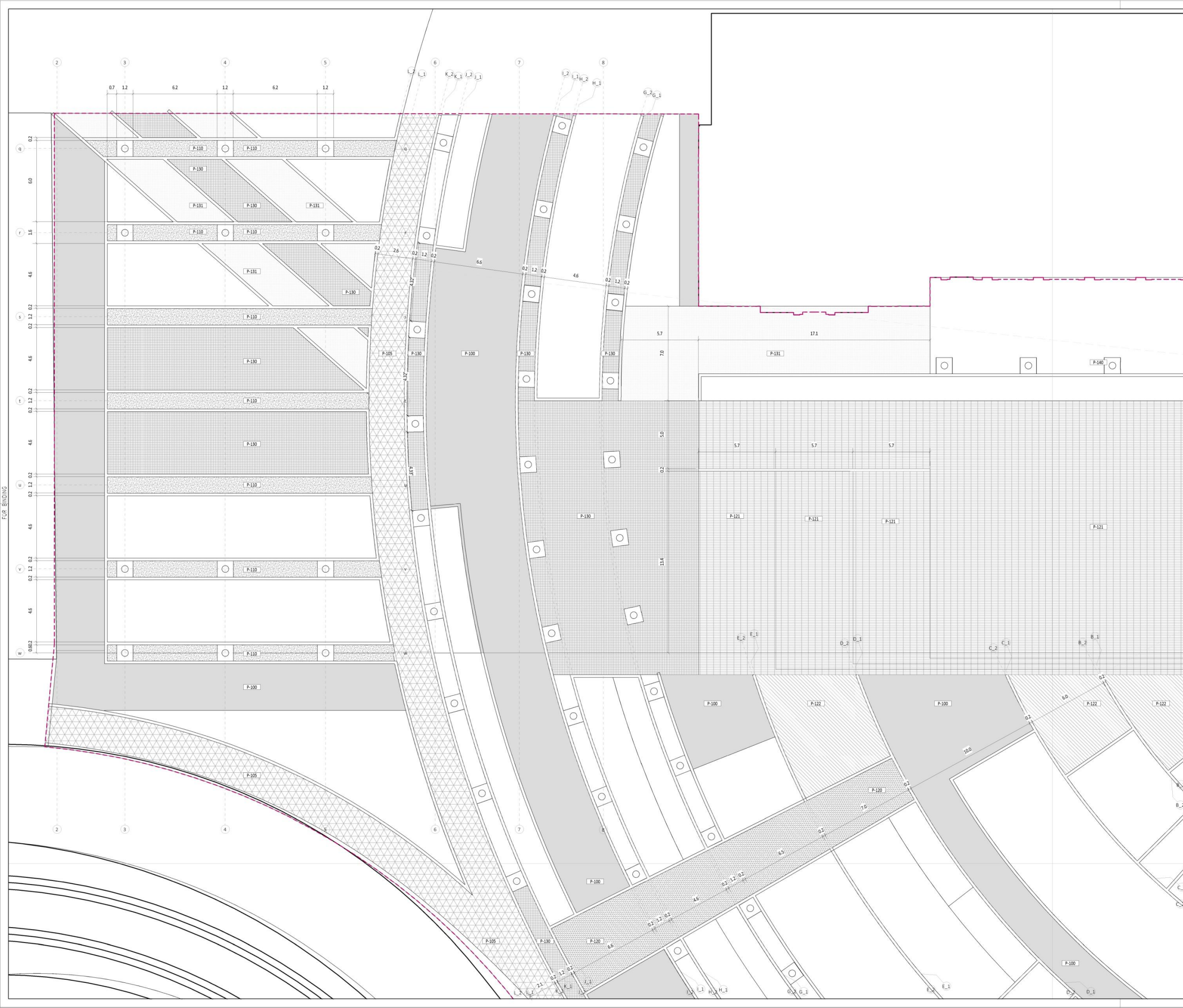


HARDSCAPE CYCLE PATH SURFACE

Resin bound gravel

Bitumen–macadam (“bitmac”) is a combination of bitumen and aggregate used in road and path construction. It relies for its strength on the stability of the aggregate throughout its grading. As with asphalt however, the bitumen content can vary and thus bitmacs may have less aggregate than asphalts. DBM (dense bitumen macadam) is one type of this material.





KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BYCICLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPDM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:

ESCALA GRAFICA: 1/125

METROS

0 1 2 3 4 5 6 7 8 9 10

REV.	DESCRIPTION	DATE

CLIENT:

Belgrade Waterfront
developed by EAGLE HILLS

ARCHITECTS:

FENWICK IRIBARREN
Campus Empresarial Aboia, Avenida de Francisco S. G. 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Hard Scope (1/8)

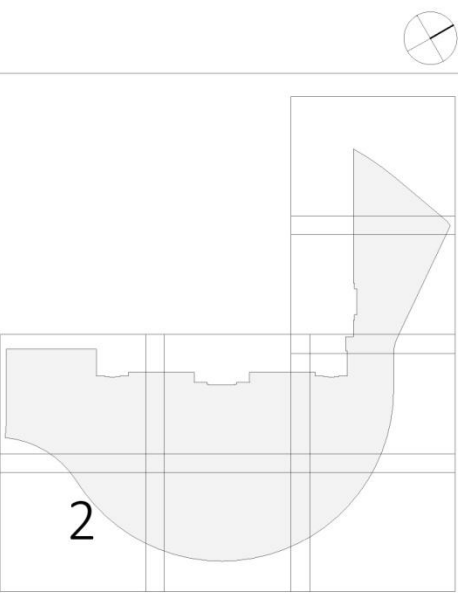
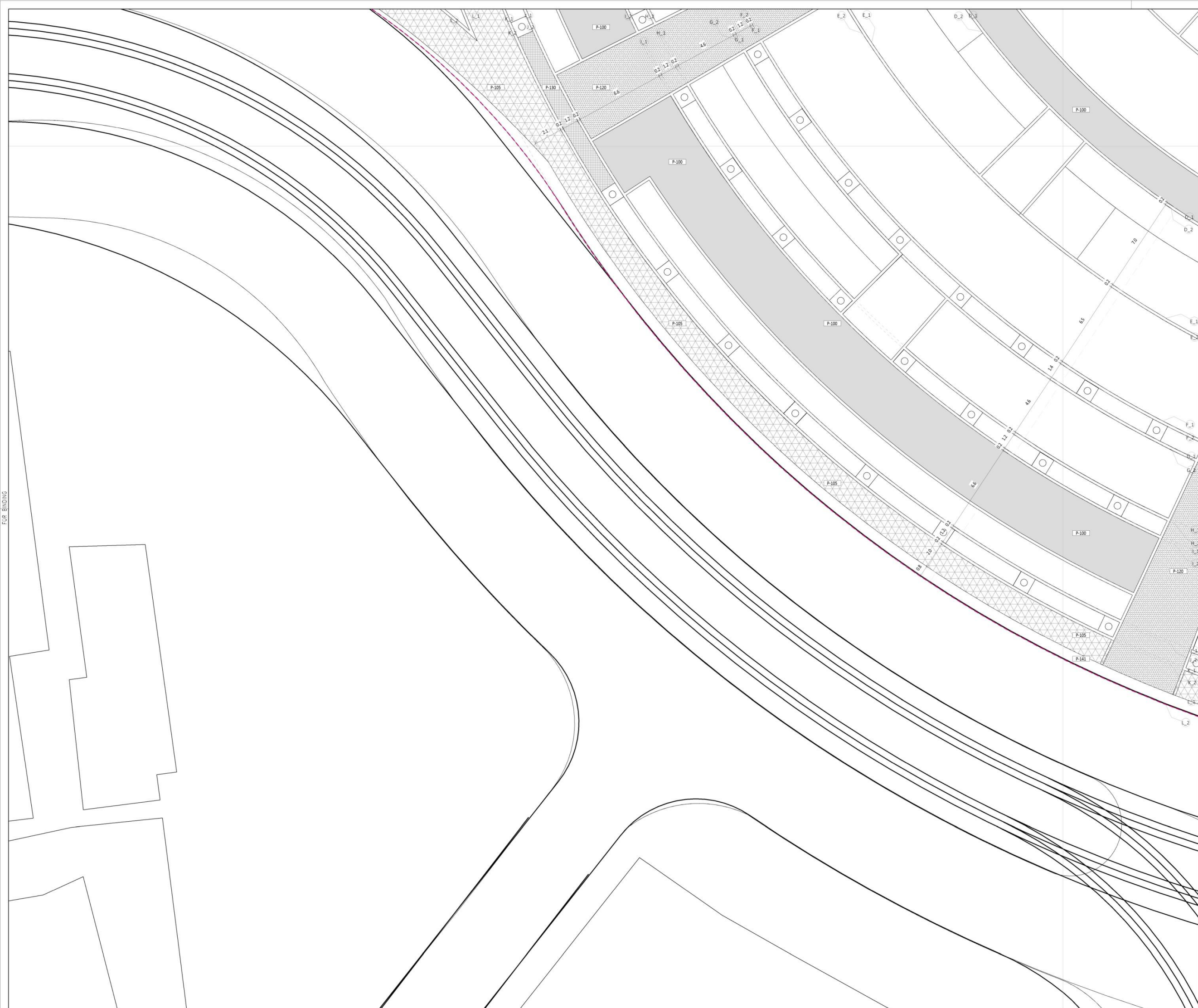
SHEET NUMBER: P11_L 020.2

SERIE: 4

REV: 1

ORIGINAL SIZE: SCALE: 1/125

FASE: CD



KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BYCICLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPDM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:



REV.	DESCRIPTION	DATE
------	-------------	------

DIB.	FIA	CHEQ.	MF	APRB.	JJ	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:



ARCHITECTS:



CeS.TRA

MARK FENWICK

JAVIER IRIBARREN



Concept Design

SAVSKI SQUARE, BELGRADE

TITLE: Hard Scope (2/8)

SHEET NUMBER:		SERIE:		REV:		SCALE:		ORIGINAL SIZE:		PAGE:	
P11_L		020.3		4		1/125				CD	

NOTES:

REV.	DESCRIPTION	DATE
------	-------------	------

IB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
-----	-----	-------	----	-------	----	-------	----

CLIENT:



ARCHITECTS:



CeS.TRA

MARK FENWICK JAVIER DEBARR

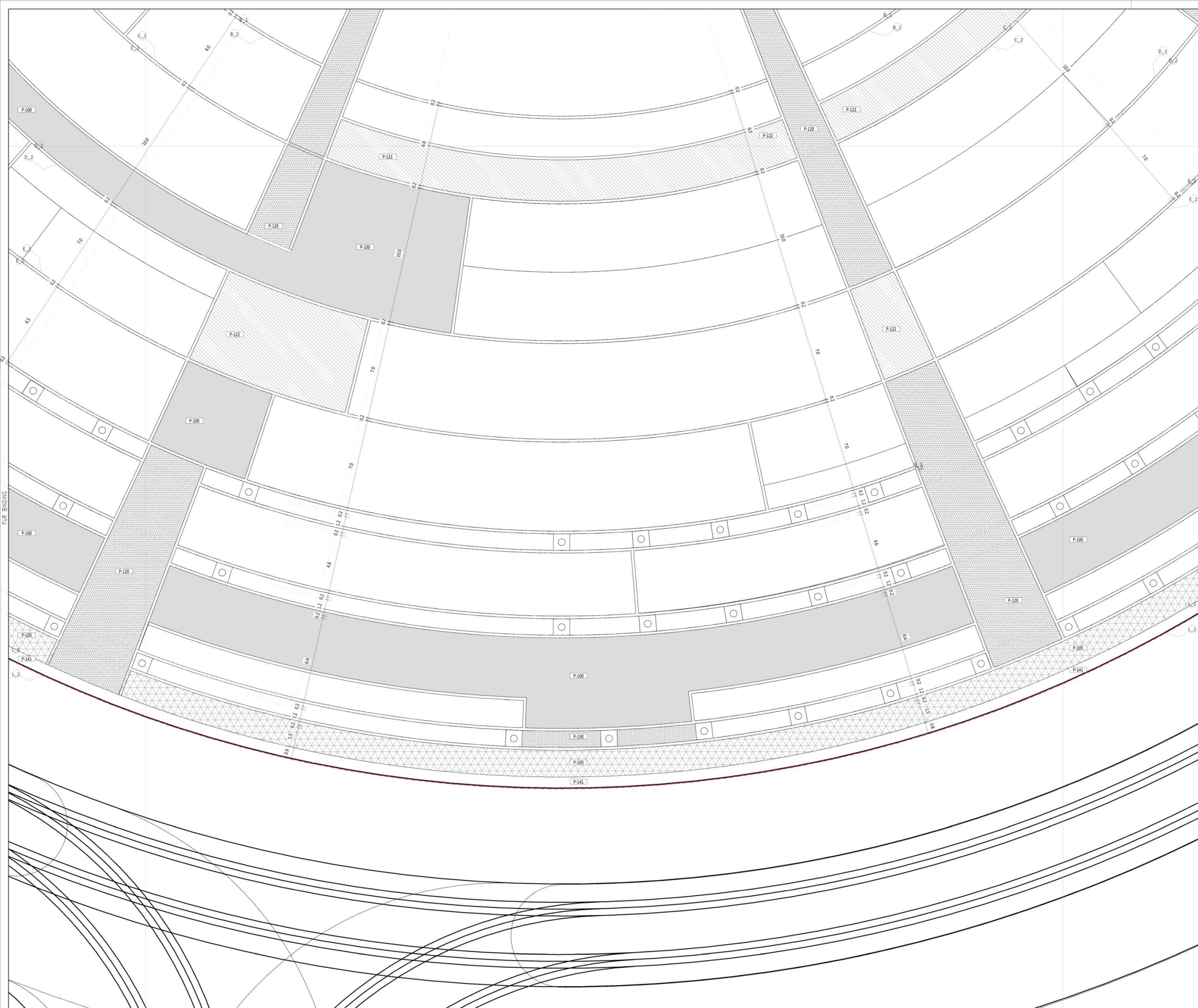
Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Hard Scape (3/8)

SHEET NUMBER:		SERIE:	REV:	ORIGINAL SIZE:	SCALE:	FASE:
P11_L 020.4		4			1/125	CD



KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BYCICLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPDM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:

ESCALA GRAFICA: 1/125
METROS
0 1 2 3 4 5 6 7 8 9 10

REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JJ	APRB.	CC

CLIENT:

developed by EAGLE HILLS

ARCHITECTS:

Campus Empresarial Arbores. Avenida de Francisco S. Edificio 2 y 3 28100 Alcorcón (Madrid)
tel. +34 91 555 68 36 fax +34 91 555 68 53 info@f-i.com

CeS.TRA

MARK FENWICK

JAVIER IRIBARREN

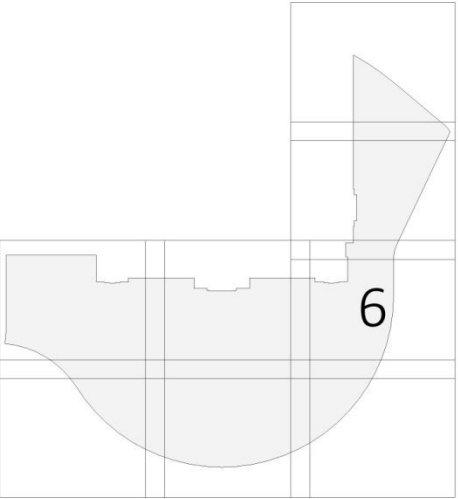
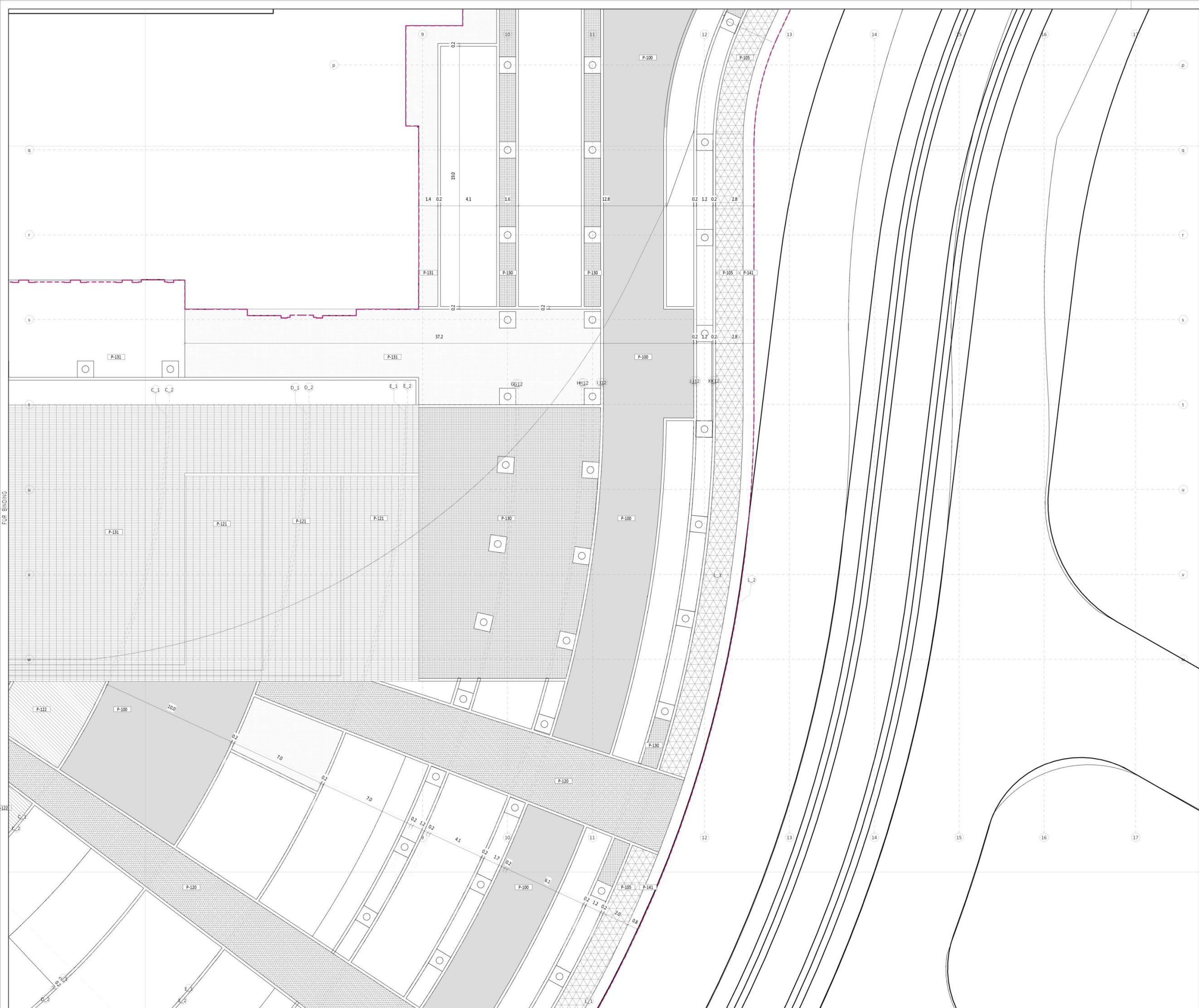
Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Hard Scope (4/8)

SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
P11_L 020.5	4		1/125		CD



KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BYCICLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPDM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:



REV.	DESCRIPTION	DATE
------	-------------	------

DIB.	FIA	CHEJ	MF	APRB	JI	APRB	CC
------	-----	------	----	------	----	------	----

CLIENT:



ARCHITECTS:



CeS.TRA

MARK FENWICK

JAVIER IRIBARREN

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Hard Scape (6/8)

SHEET NUMBER:

P11_L 020.7

SERIE:

4

REV:

SCALE:

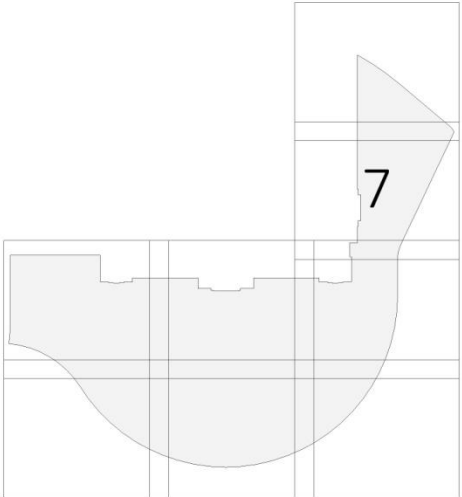
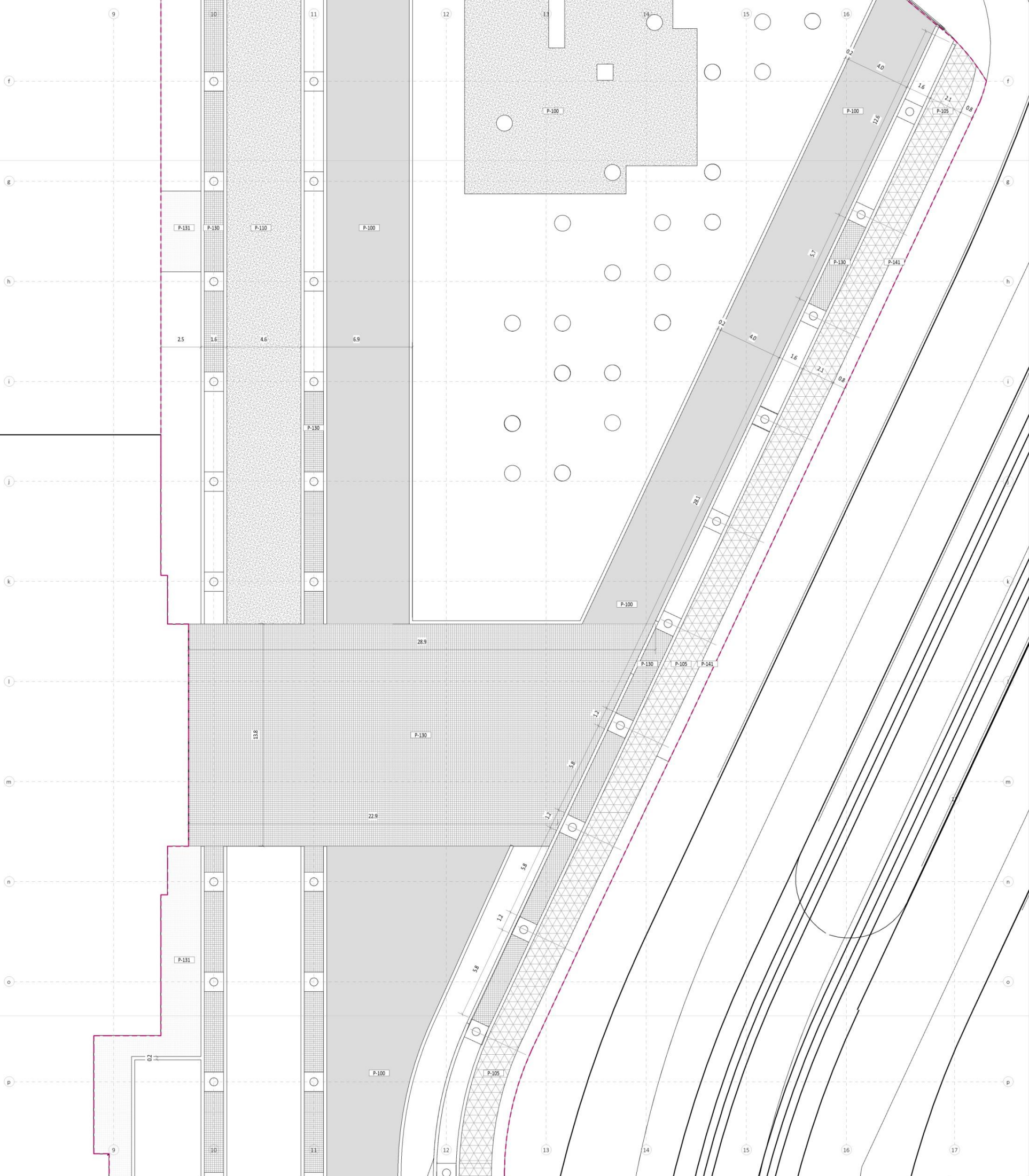
1/125

ORIGINAL SIZE:

FASE:

CD

FOR BIDDING



KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BICYCLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPDM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:



REV.	DESCRIPTION	DATE
------	-------------	------

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:



ARCHITECTS:



CeS.TRA

MARK FENWICK
JAVIER IRIBARREN

Concept Design

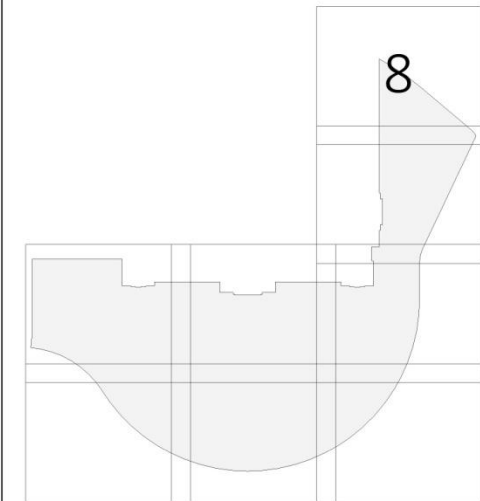
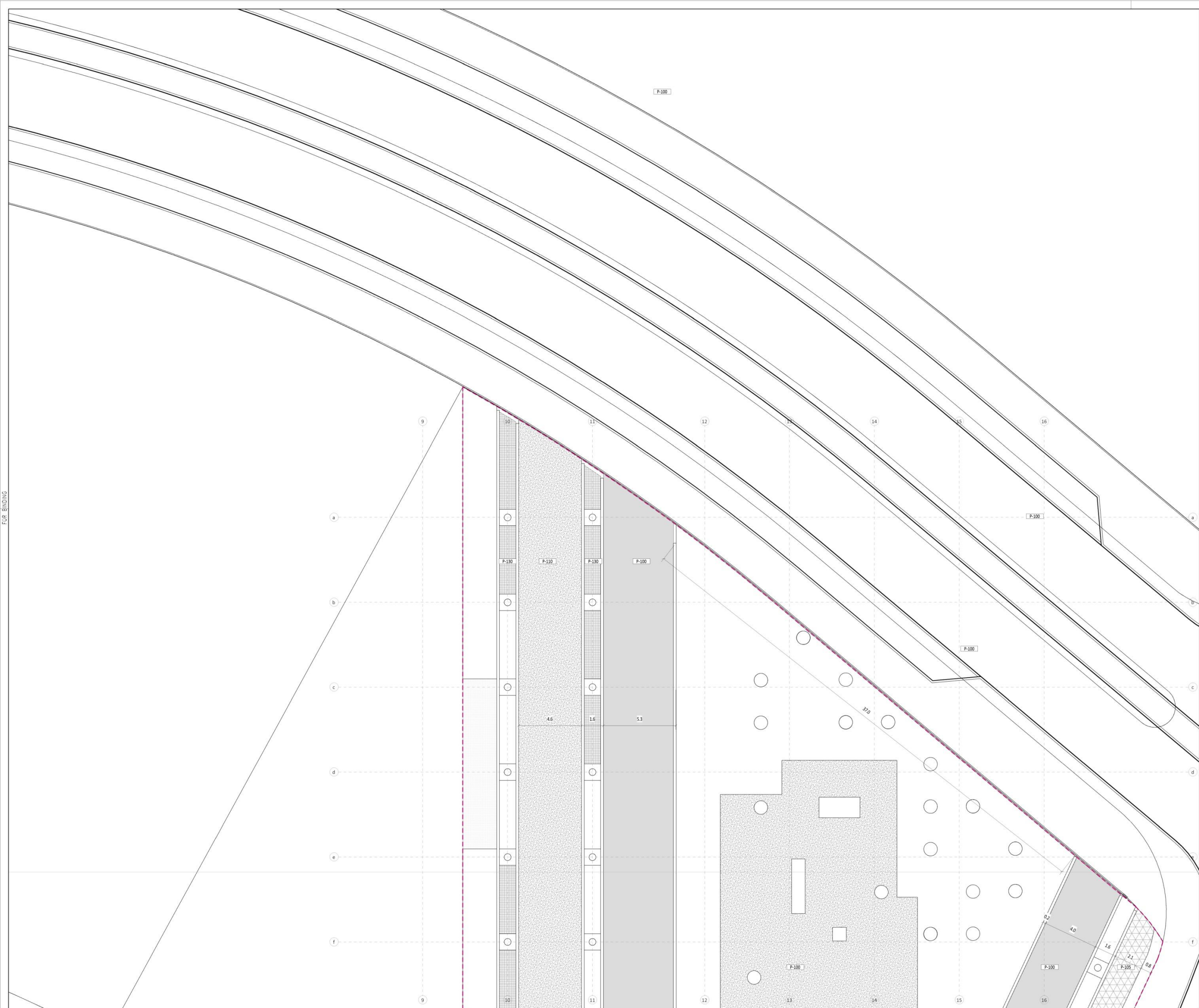
SAVSKI SQUARE, BELGRADE

TITLE:

Hard Scope (7/8)

			ORIGINAL SIZE:	
SHEET NUMBER:	SERIE:	REV:	SCALE:	FASE:
P11_L 020.8	4		1/125	CD

FOR BIDDING



KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BYCICLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPDM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:



REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC

CLIENT:


developed by EAGLE HILLS

ARCHITECTS:


Campus Empresarial Arboia, Avenida de Portugal 5, Edificio 2 y 3 y 101, Alcobendas, Spain
tel. +34 91 555 68 36 fax +34 91 555 68 53 info@f-i.com

CeS.TRA

MARK FENWICK

JAVIER IRIBARREN

Concept Design

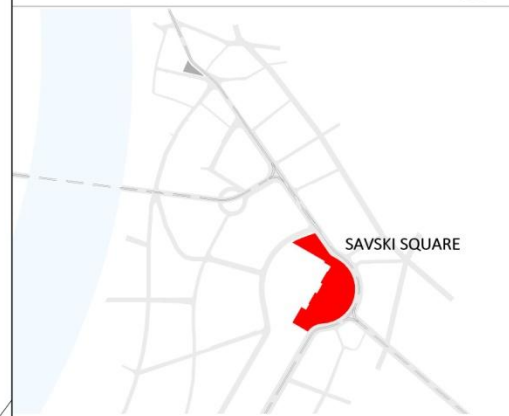
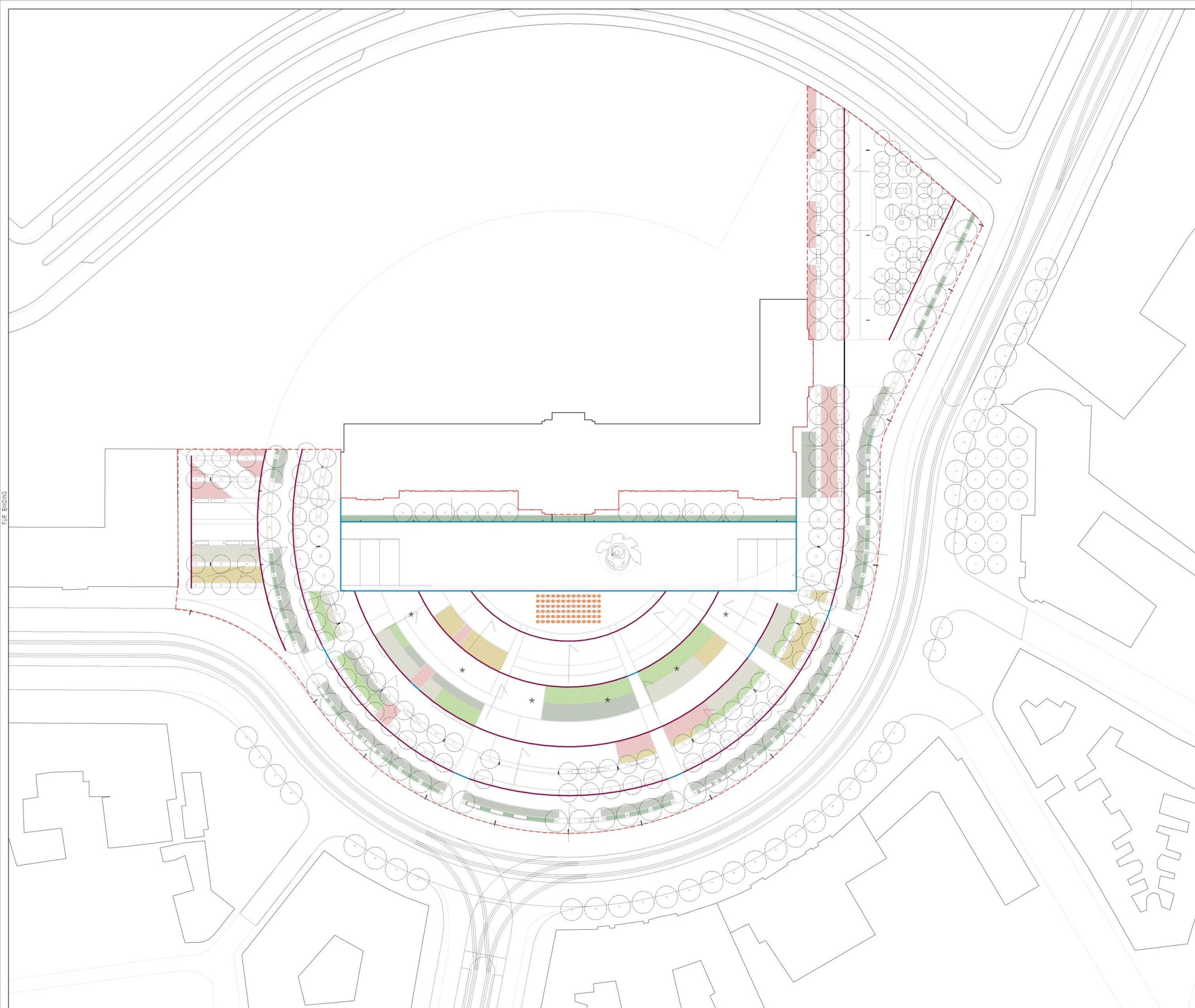
SAVSKI SQUARE, BELGRADE

TITLE:

Hard Scope (8/8)

SHEET NUMBER:		SERIE:		REV:		ORIGINAL SIZE:		SCALE:		FASE:	
P11_L 020.9		4				1/125				CD	

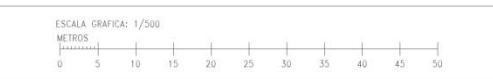
FOR BIDDING



SAVSKI SQUARE

KEY_SURFACE WATER DRAINAGE SYSTEM CONCEPT		
SD-01		PODIUM PERIMETRAL CHANNEL DRAINAGE SOLUTIONS HIDDEN DRAINAGE CHANNEL ALONG THE PODIUM, WHICH DRAINED WATER FLOWS AWAY
SD-02		MAIN SQUARE CHANNEL DRAINAGE. GRATE WITH CIRCULAR HOLES FOR WATER INTAKE. GALVANIZED STEEL OR STAINLESS STEEL. RADIAL CONCEPT CHANNEL / TRENCH
SD-03		WATER FEATURE DRAINAGE. THE WATER RETURNS TO THE STORAGE RESERVOIR VIA FLOOR MOUNTED RETURN FLOW ARMATURES AND TO THE SURROUNDINGS CHANNEL DRAIN.

NOTES:



REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:



developed by EAGLE HILLS

ARCHITECTS:



Campus Empresarial Arbo, Avenida de Pasteris 5, Edificio 2, P.O. Box 100, Alcobendas, Spain
tel. +34 91 555 68 36 fax +34 91 555 68 53 info@f-i.com

CeS.TRA



MARK FENWICK JAVIER IRIBARREN

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Drainage Concept Layout

SHEET NUMBER:		SERIE:		REV:		ORIGINAL SIZE:		SCALE:		FASE:	
P11_L 070		6				1/500				CD	



STREETSCAPE & EQUIPMENT

OUTDOOR FURNITURE

STREETSCAPE & EQUIPMENT

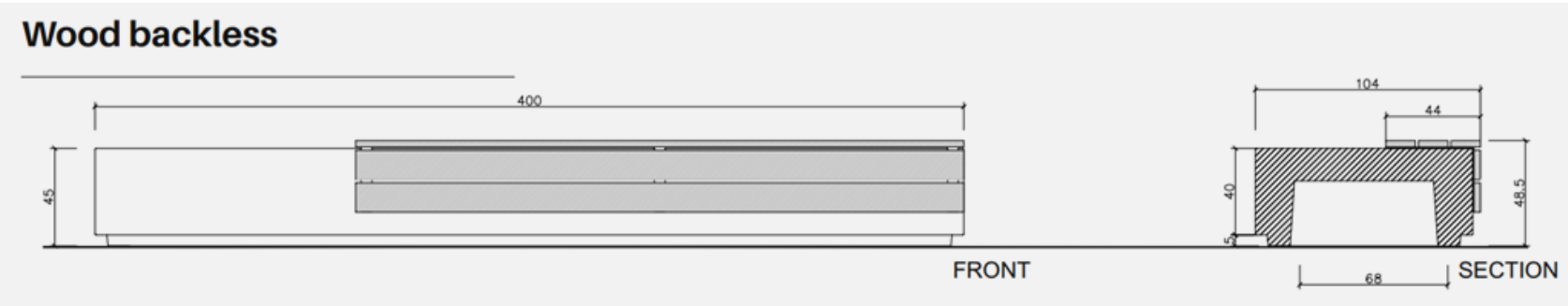
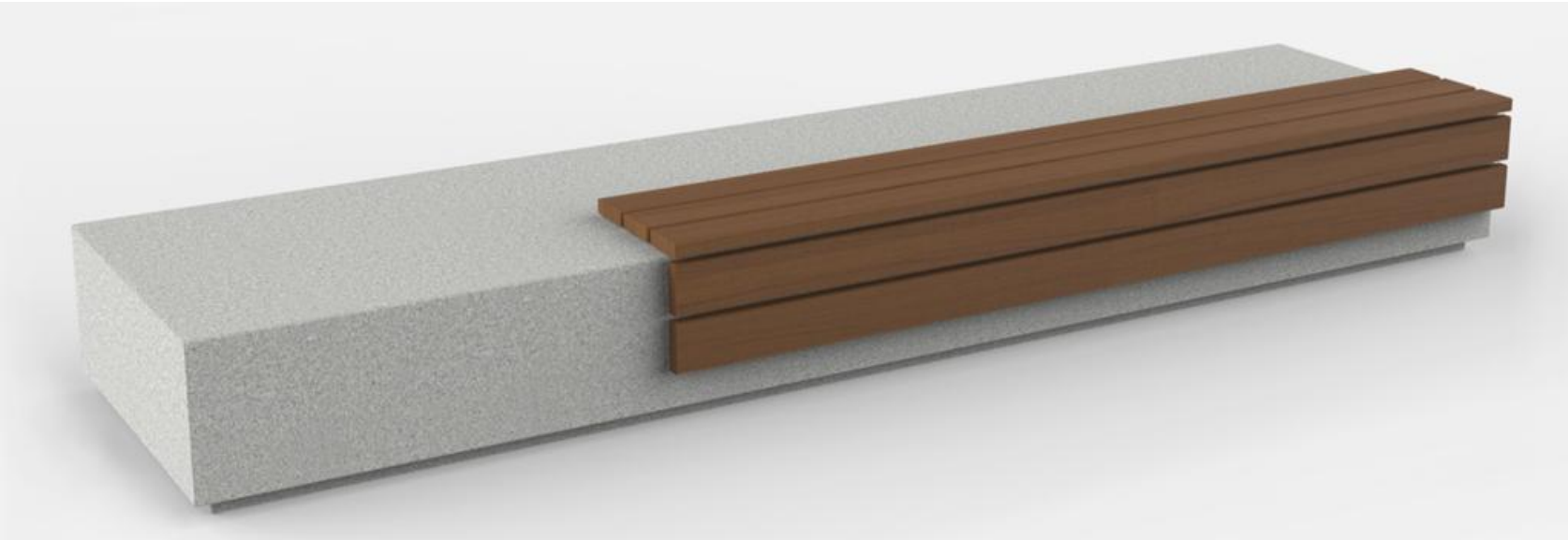
THE LONGO BENCH - ESCOFET

The Longo bench “Boulevard”

A series formed by two combinable concrete bases: The Longo bench, Longo cube and a wooden seat with metal frames without backs. The combination of all these elements permits the formation of lines of simple modular benches made from concrete combined with seats. The cube of 100x100x45 cm., a backless bench of 400x100x45cm.

Non-reinforced dry-mix concrete, it is manufactured with an etched and waterproofed finish. Accessories for creating a bench without a back of 280 cm, using tropical wood planks with a cross section of 135x30 mm screwed to three supports made from steel coated silver paint granular texture, prepared for anchoring to the concrete bench.

The concrete modules have a simple geometry and rest on the ground with no need for anchors. The wooden accessories are supplied fastened to the concrete modules.



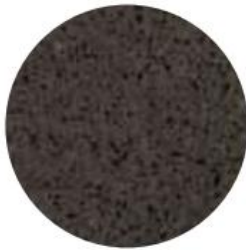
1.1 General features

Material	Concrete	Fixing	Free-standing
Finish	Etched and waterproofed	Supports	Zinc plated steel
Seat	Tropical wood FSC®	Finish	Silver powder coated
Finish	Treated with lasur		

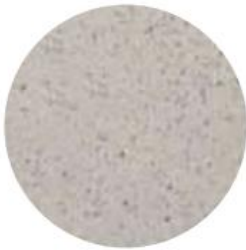
Colours



GR. Grey



NG. Black



BL. White

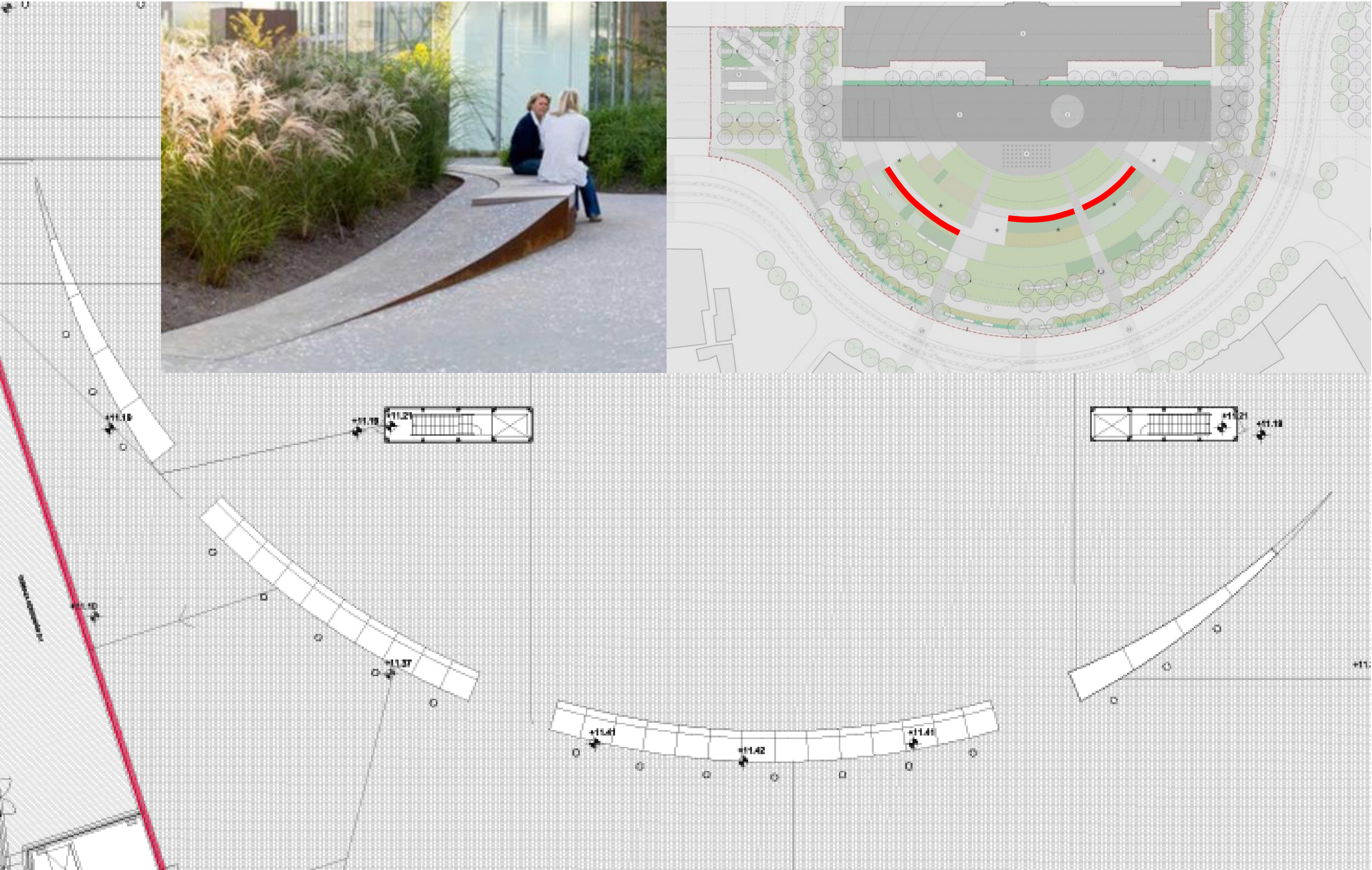
STREETSCAPE & EQUIPMENT
CONCRETE MODULAR BENCH ESCOFET

Modular cast stone bench (Reference images)



STREETSCAPE & EQUIPMENT
CONCRETE MODULAR BENCH ESCOFET

Modular cast stone bench (Reference images)

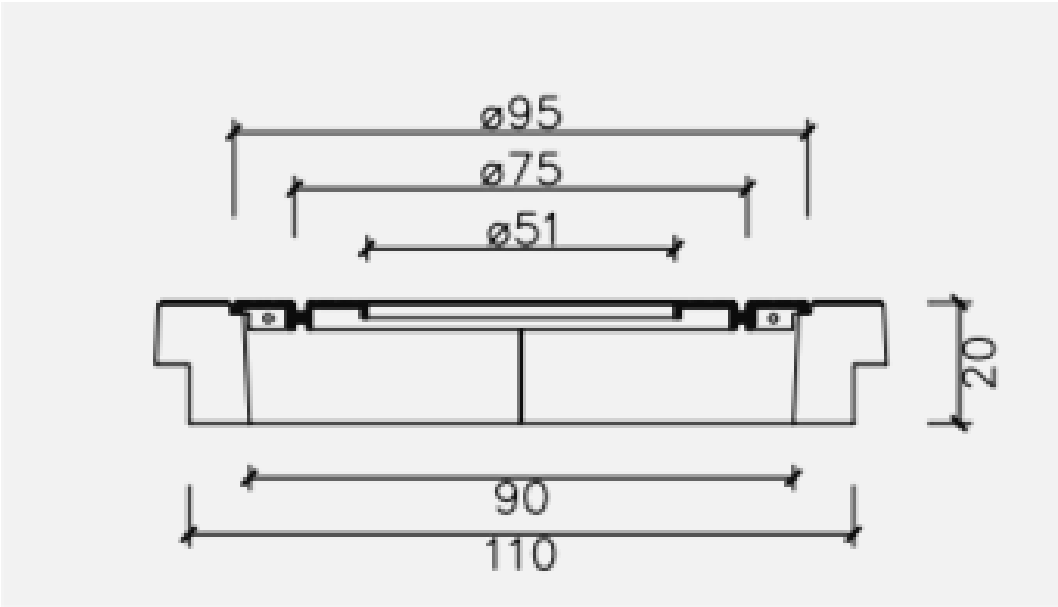
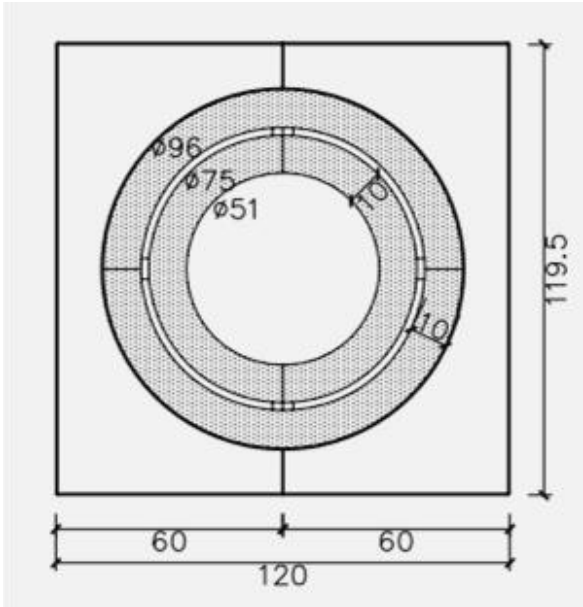


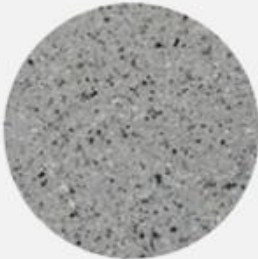


STREETSCAPE & EQUIPMENT

CARMEL TREE GRATE 120 - ESCOFET

Carmel tree grate Carmel 120 Marco Aros

The design of the Carmel tree grate is somewhere between urban paving and the gap that is necessary to plant a tree. It is an element that acts as a transition between the generally orthogonal geometry of paving and the circular perimeter that surrounds a planted tree.



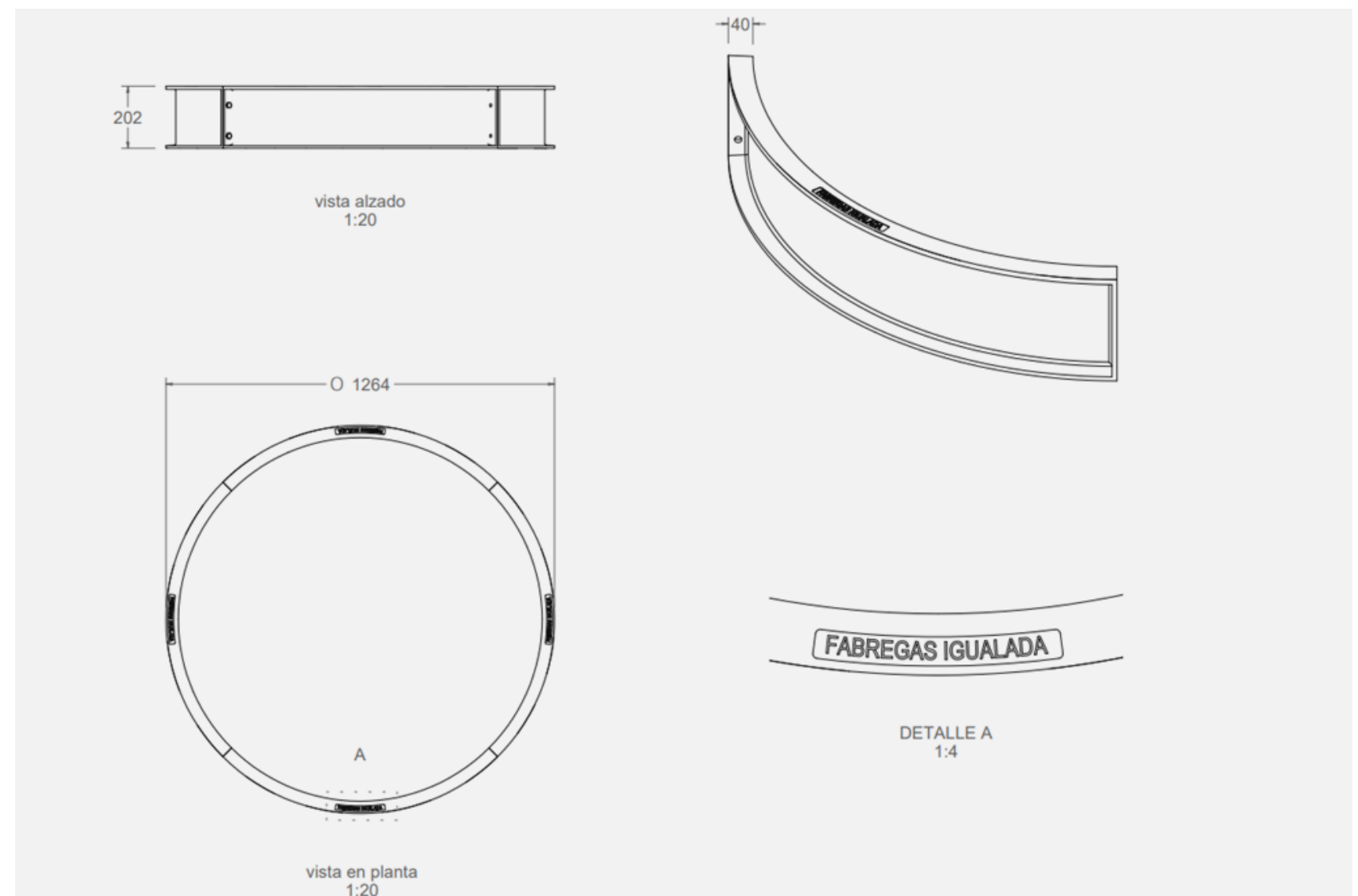
1.1 General features			
Material	Recycled concrete	Fixing	Embedded on pavement level
Finish	Etched and waterproofed		
Rings	Cast aluminium		
Finish	Painted oxiron black forge effect		
Colours	<div><div><div>GR R. Recycled Grey</div></div><div><div>NG R. Recycled Black</div></div><div><div>A. Aluminium painted black forge effect</div></div></div>		

STREETSCAPE & EQUIPMENT

TEIXIDO TREE GRILL E-TEIXIDO-C100

Teixido Tree grill E-TEIXIDO-C100

Lateral Tree grill -C100 circular of casting type corten (necessary 4 laterals to form 1)

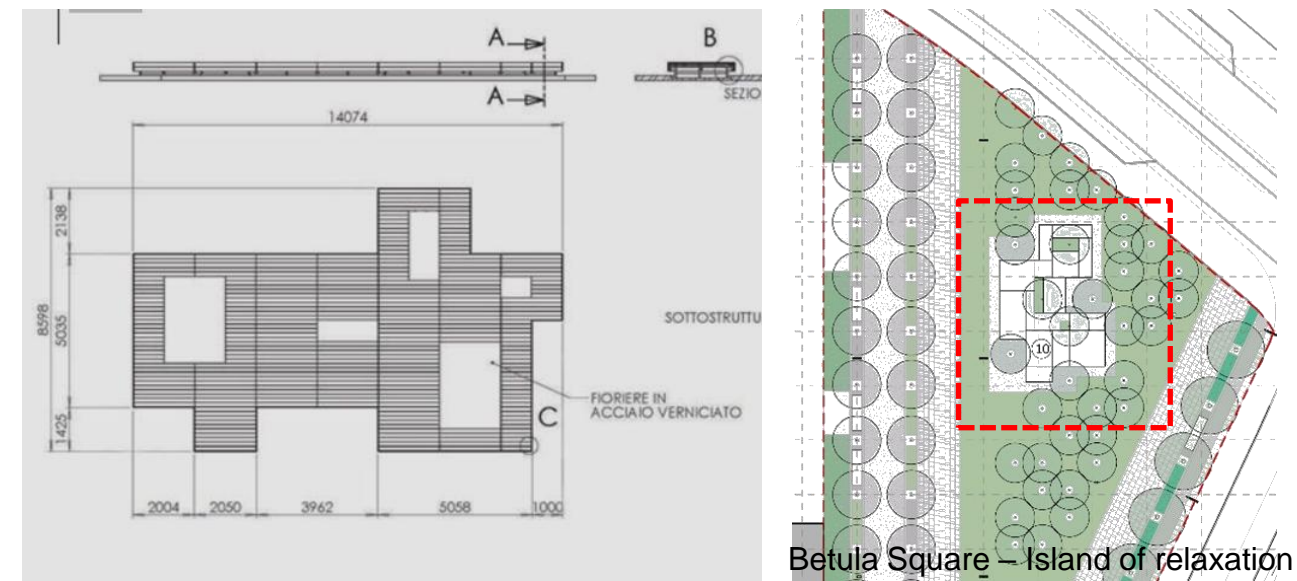
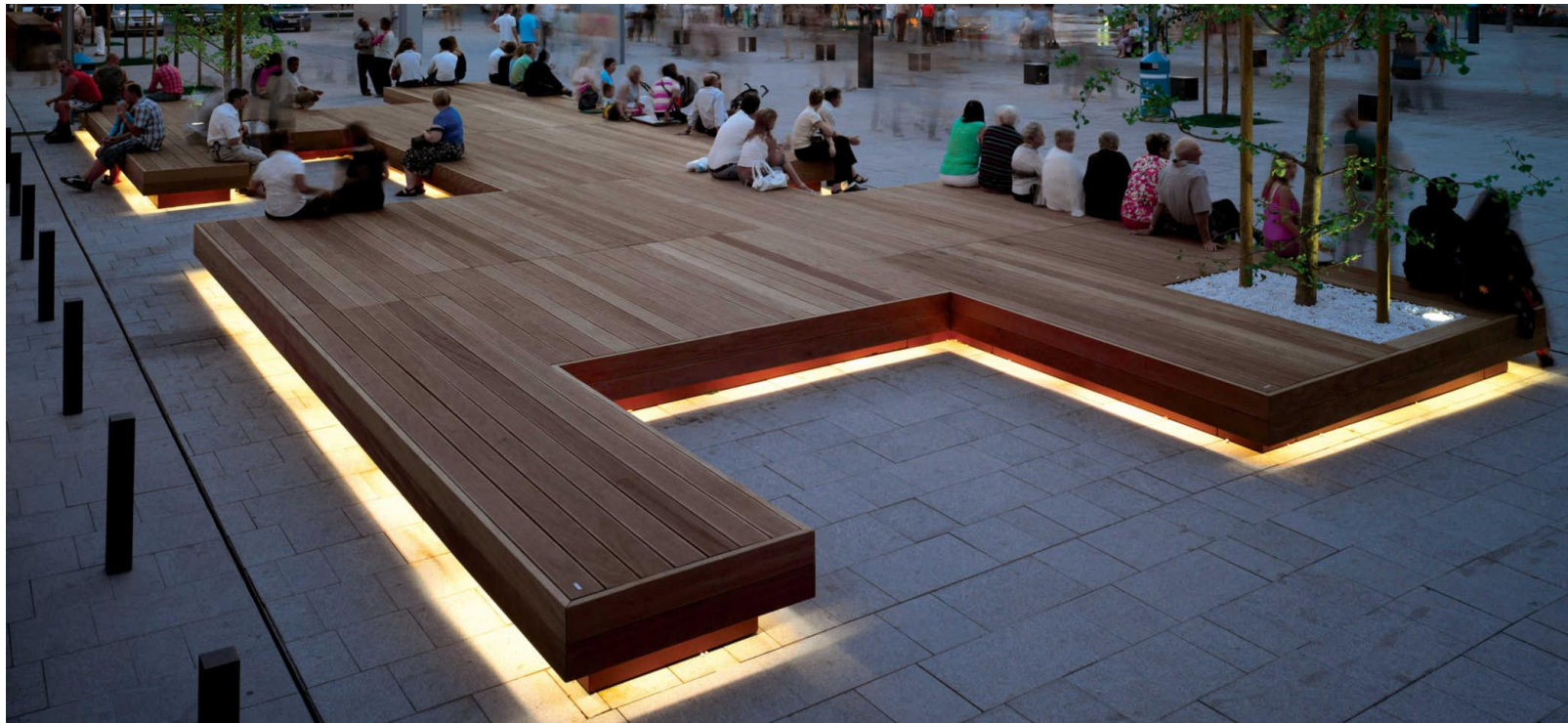


STREETSCAPE & EQUIPMENT

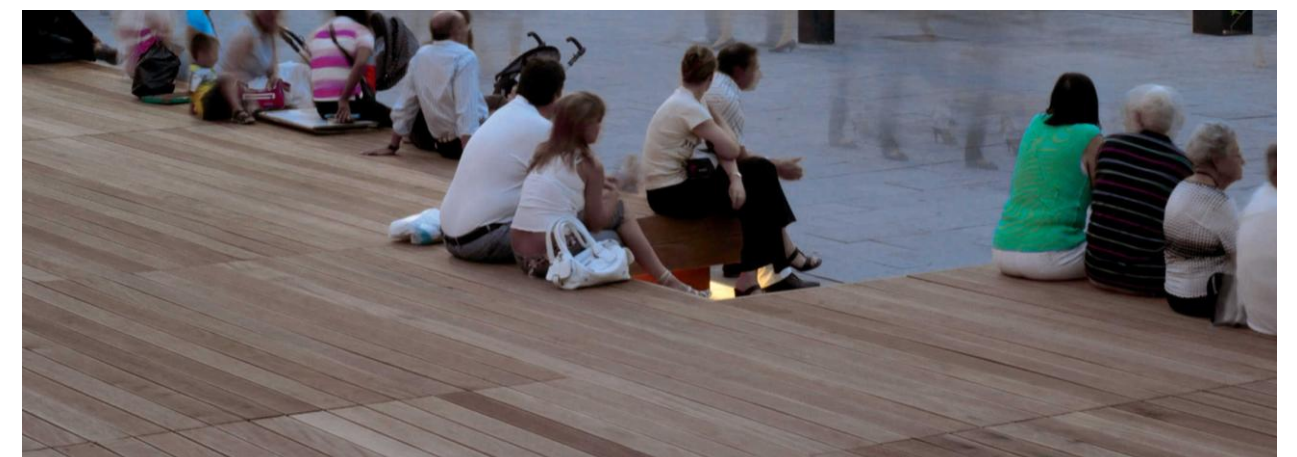
HARRIS ISOLA BENCHES, METALCO (Reference images)

Harris isola benches , Design sjit

Straight bench with solid wood seat and steel edging and supports. The whole collection can be chosen: with wooden boards with staggered joints or full length wooden boards. It can be accessorised with a solid wood backrest and by adding more elements of different lengths and widths, designed to give freedom to form islands of relaxation.



Betula Square – Island of relaxation



STREETSCAPE & EQUIPMENT

LUNGO MARE ESCOFET (Reference images)

Lungo Mare

This street furniture was designed as a hybridisation of an object and natural space, making real the dream of converting the waves and dunes on the beach into a meeting place with an undulated cross section and a rectangular shape measuring 4 x 2 metres. Its terse, printed skin snugly fits the user while its shape retains the imprint of an absent body.

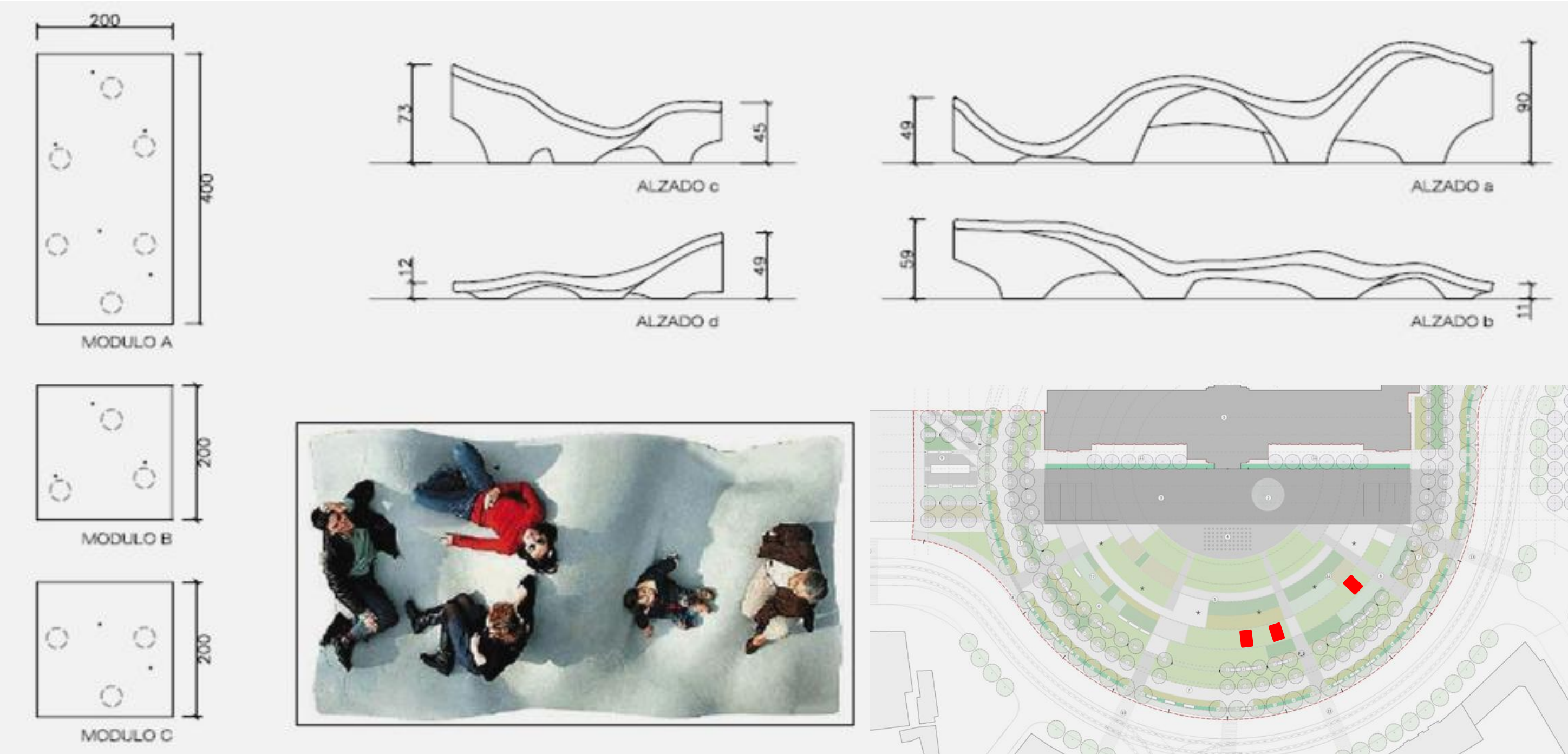
A moulded concrete piece with a gentle surface finish, reinforced with stainless steel. Printed with random shapes generated by sand deposits. It is heavy and fitted with six monolithic supports for horizontal positioning and can be subtly installed on the ground with no need for anchors. It has three drainage points on the under part of the undulation.

The collection is made up of one module, A, measuring 2 x 4 m and two smaller modules, B and C measuring 2 x 2 m, obtained as the result of dividing module A into two halves. Conceived as a single model, it is revealed as a landscape element designed for a possible solitary use, but offering its combinatorial capacity in its compositional background.



STREETSCAPE & EQUIPMENT

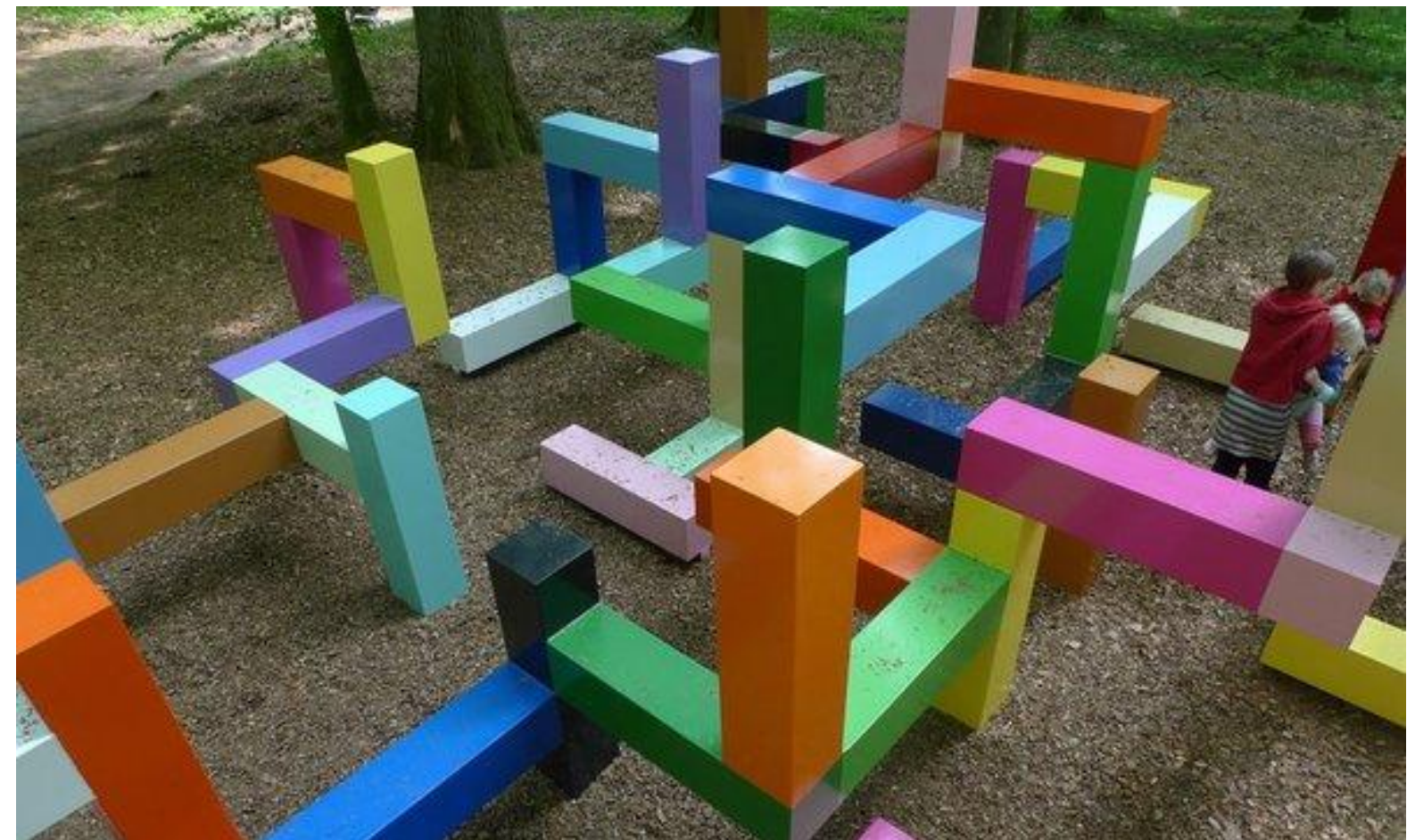
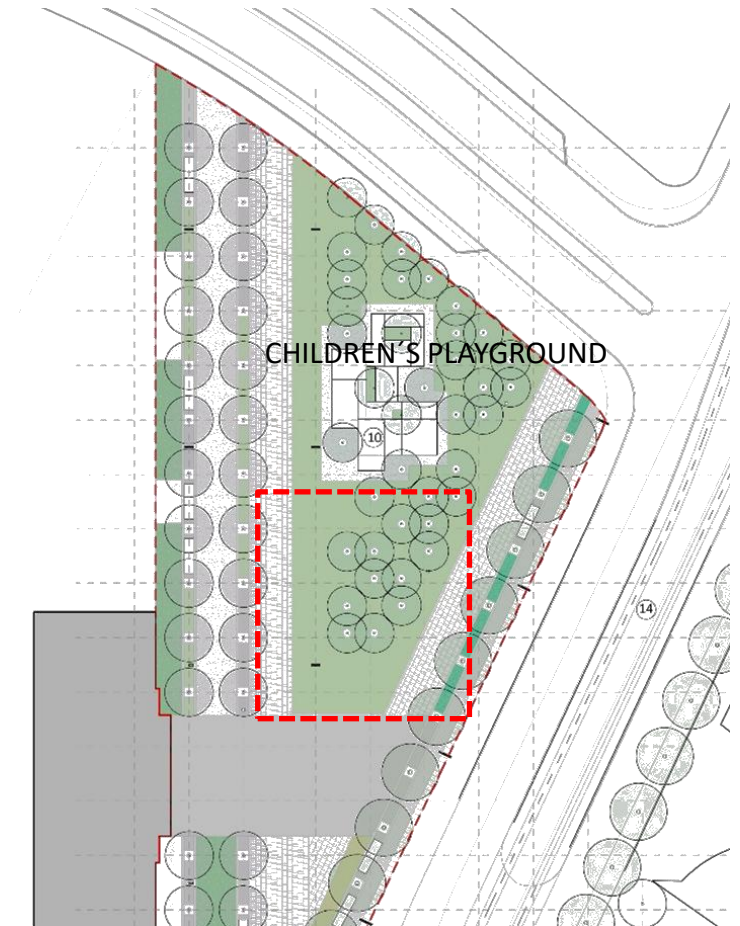
LUNGO MARE ESCOFET



CHILDREN AREA (Reference images) PRIMARY STRUCTURE BY THE ARTIST JACOB DAHLGREN

Primary Structure is a playful steel labyrinth created by the artist Jacob Dahlgren

We want the plaza to be a place where everyone can enjoy, from children to 3rd age people. We propose an area where children can enjoy playing and with different activities. Just near it we create an exclusive design of a wooden bench where parents can rest while their children play.

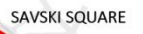




LIGHTING STRATEGY

PALETTE OF LIGHT FIXTURES

FOR BINDING

KEY_ LIGHTING STRATEGY

DIB.	Author	CHEQ.	Checker	APRB.	Approver	APRB.	Designer
------	--------	-------	---------	-------	----------	-------	----------



CoS TRA

MARK TENWICK JAVIER W. BARREN

MARK FENWICK JAVIER BARRÉN

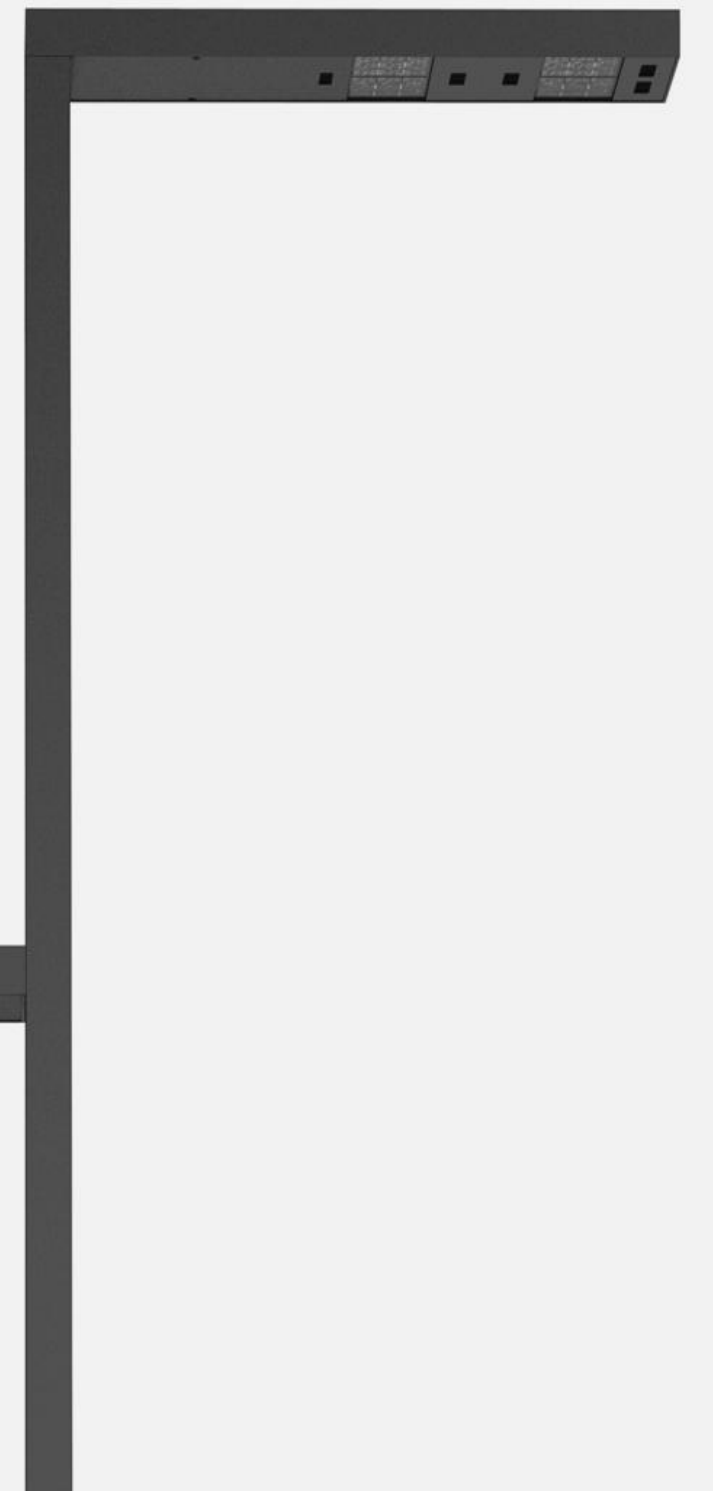
ORIGINAL SIZE:

SHEET NUMBER:	SERIE:	REV:	SCALE:	FAS:
P11_L 050	6		1/500	CD

LIGHTING STRATEGY SYLVANIA OUTDOOR ADATTO

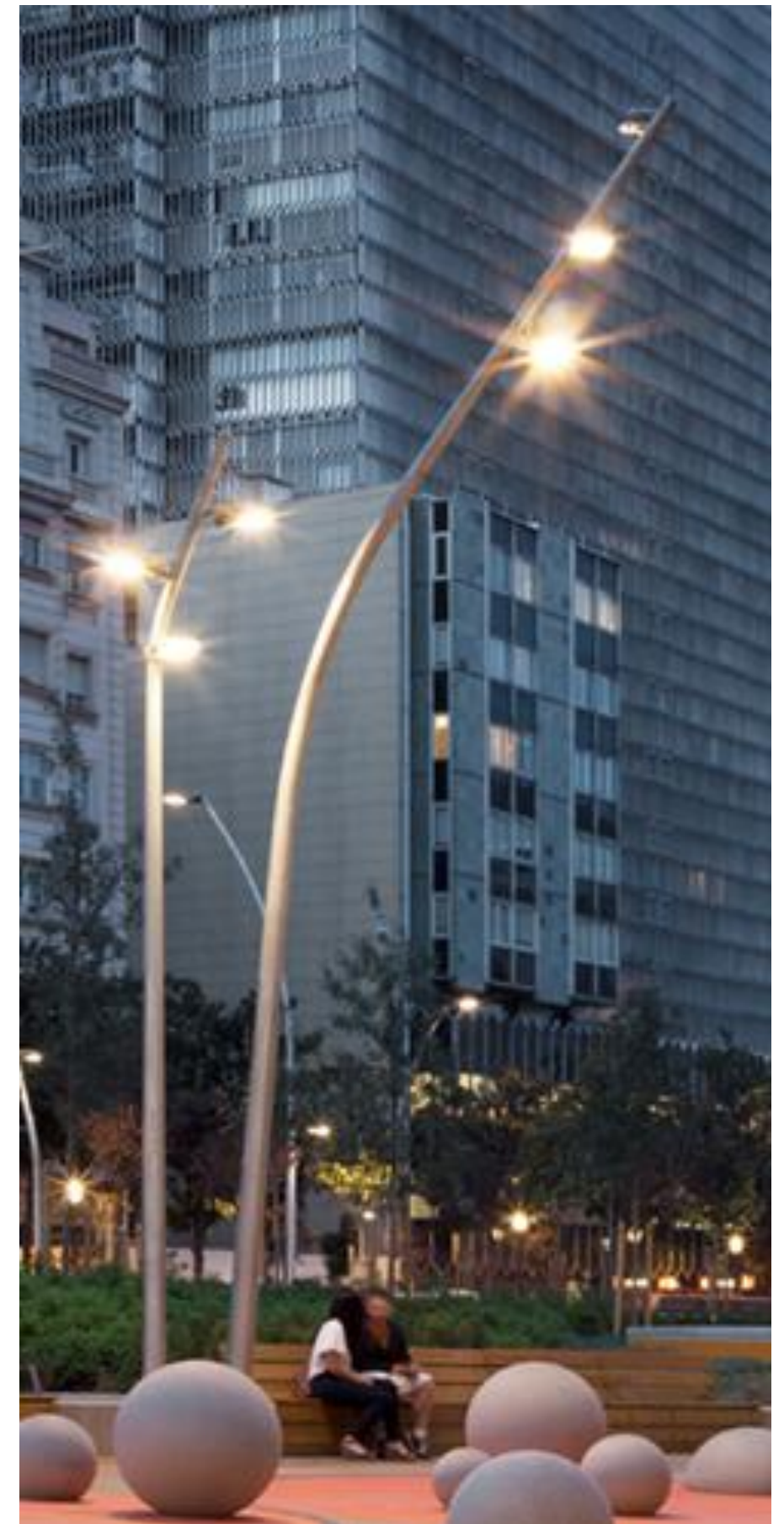
Typologies:

- "L" shape single luminaire - circular pole measuring 8.0m
- Two twin luminaires at the same height - pole measuring 6.0m
- Single luminaire - pole measuring 6.0m
- 5 luminaires at different heights and radial angles - pole measuring 8.0m



LIGHTING STRATEGY

FULL ESCOFET (Reference images)

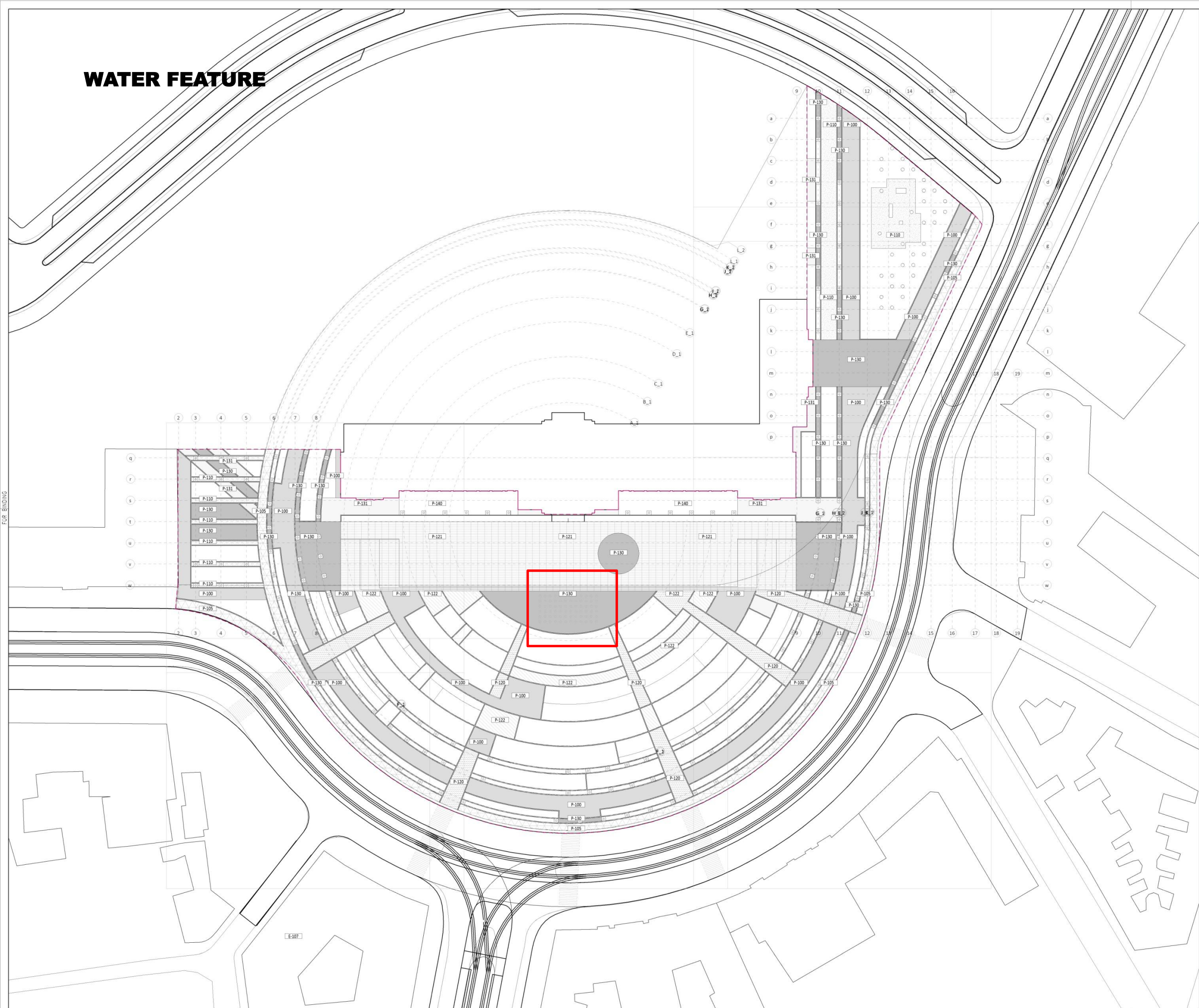




WATER FEATURE

SOFTSCAPE MATERIALS PALETTE
TREES, SHRUBS, GROUNDCOVERS AND REINFORCED LAWN

WATER FEATURE



KEY_ HARD SCAPE_ PAVEMENT	
MARK	DESCRIPTION
P-100	GRANITE. SLAB 60*60/60*40/60*20. SINGULAR FINISH SEMI-CIRCULAR BOULEVARD "THE RAMBLA"
P-105	GRANITE. SIZE SLAB 150*20 BYCICLE LANE
P-110	RESIN BONDED GRAVEL SURFACES MULTIPURPOSE CORRIDOR
P-120	GRANITE. SIZE SLAB 100*40/100*20 RADIAL AXES
P-121	BLACK GRANITE. SIZE SLAB 100*40 PODIUM - "THE SCENIUM"
P-122	GRANITE. SIZE SLAB 100*40 RING SECONDARY PATHS
P-130	GREY GRANITE SET. SIZE 10*10 RAILWAY MONUMENT SQUARE, SMALLER SCALE SPACES AND BANDS OF PAVEMENT BETWEEN TREES GRATES
P-131	LIGHT GREY GRANITE SET. SIZE 10*10 RESIDUAL SPACES AROUND THE BUILDING OF THE TRAIN STATION
P-140	UPOM CONCRETE. SIZE 200*20. WOOD FINISH RETAIL COFFEE SHOP TERRACES

NOTES:



REV.	DESCRIPTION	DATE
------	-------------	------

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC
------	-----	-------	----	-------	----	-------	----

CLIENT:

ARCHITECTS:

Concept Design
SAVSKI SQUARE, BELGRADE

TITLE:
Hard Scape General Plan

SHEET NUMBER:		SERIE:		REV:		ORIGINAL SIZE:		SCALE:		PAGE:	
P11_L 020.1		4				1/500				CD	

WATER FEATURE

DRY PLAZA FOUNTAIN (Reference images)

Dry plaza fountain

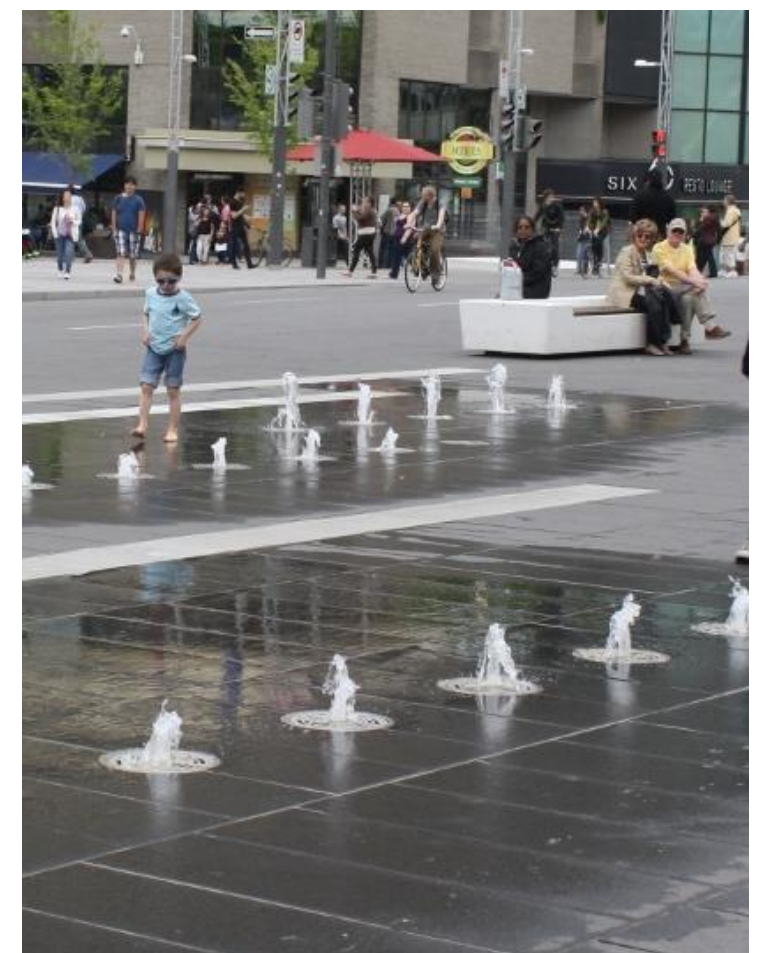
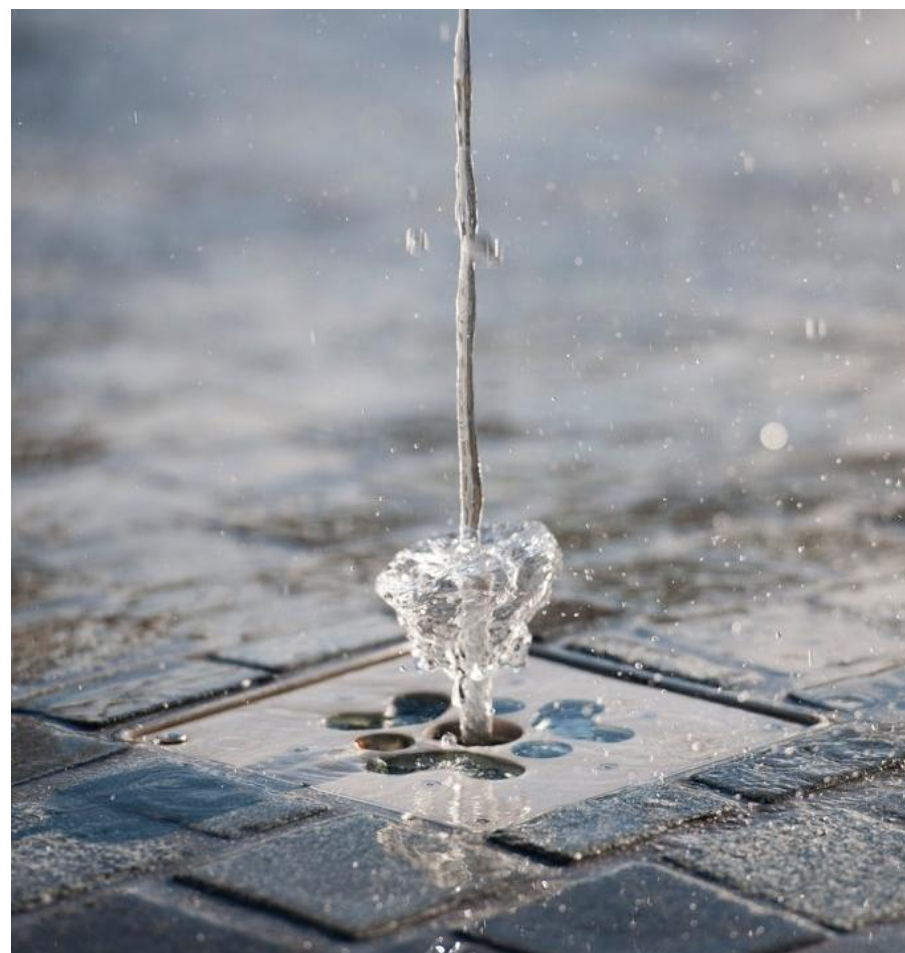
The water feature comprises jets dry plaza arranged in a rectangular matrix pattern and LED lighting

The water feature comprises a 50-jet dry plaza arrangement with DMX controlled pumps. RGB LED lighting creates a dynamic and vivid water display. The fountains are arranged in a square matrix pattern. Each fountain is installed with its own pump located within the sump formed below the jet.

Each pump is DMX controlled and can therefore provide variable height capabilities. Each jet is a 14mm diameter clear stream solid jet. Maximum possible height is controlled to prevent splash and excessive wind drift. Water circulation is provided from the plant room. Water is drawn from the storage reservoir and pumped to the feature via 50 individual inlets. The water returns to the storage reservoir via floor mounted return flow armatures, return flow pipework, the surrounding channel drain and a double sack filter.

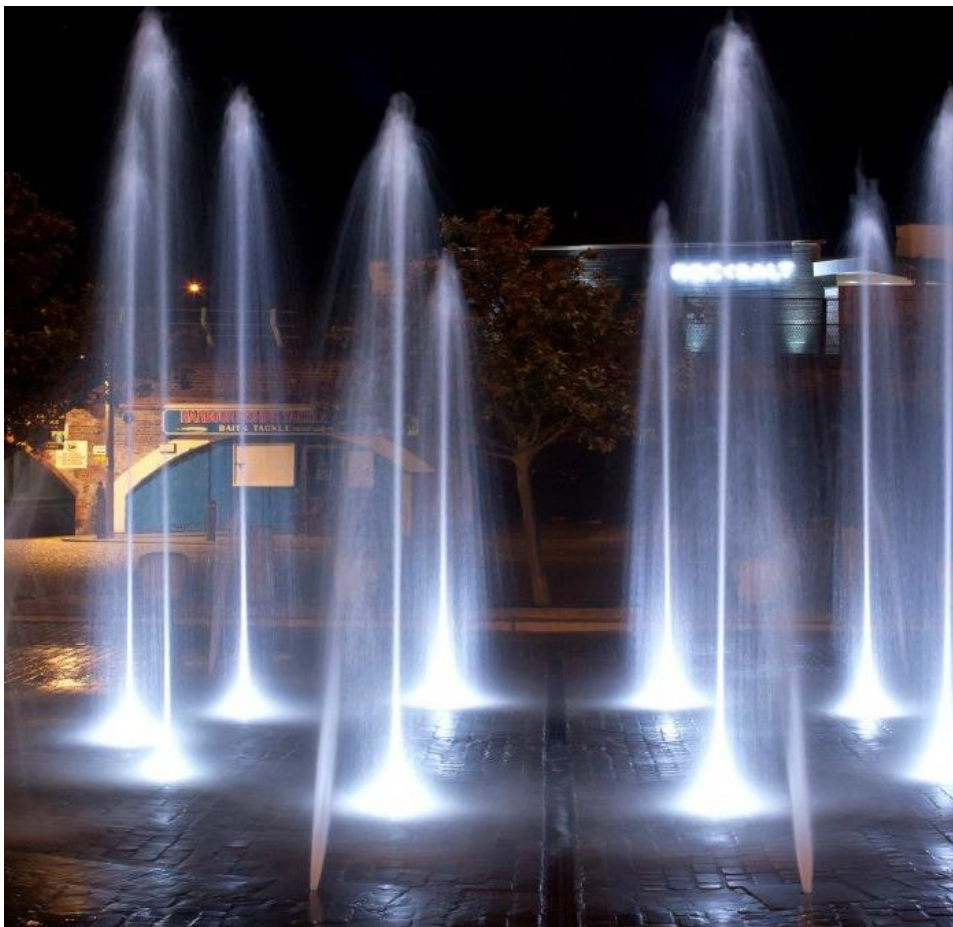
Fountain lighting

The fountain jets of the feature are illuminated using LED underwater lights. The control panel, which is located within the plant room, has a touch screen interface. This intuitive method of control simplifies operator interface and adjustment of the system.



WATER FEATURE
DRY PLAZA FOUNTAIN (Reference images)

Dry plaza fountain

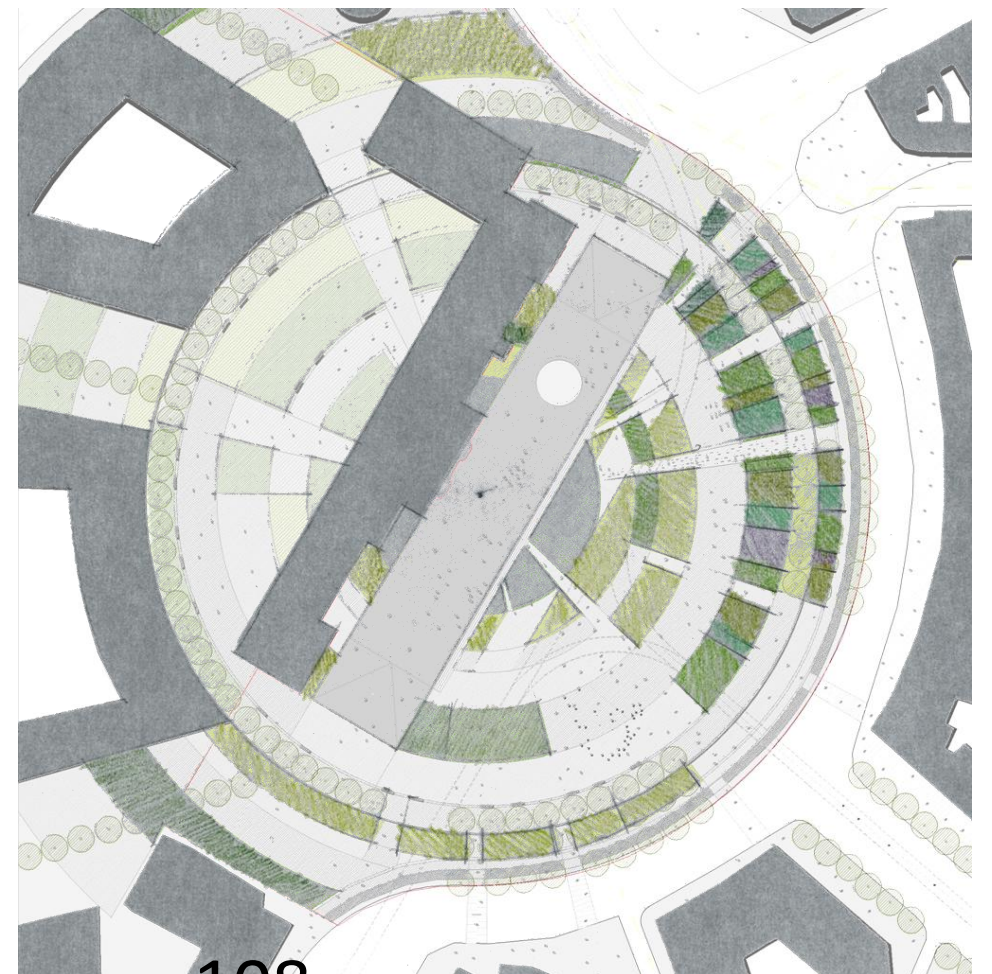
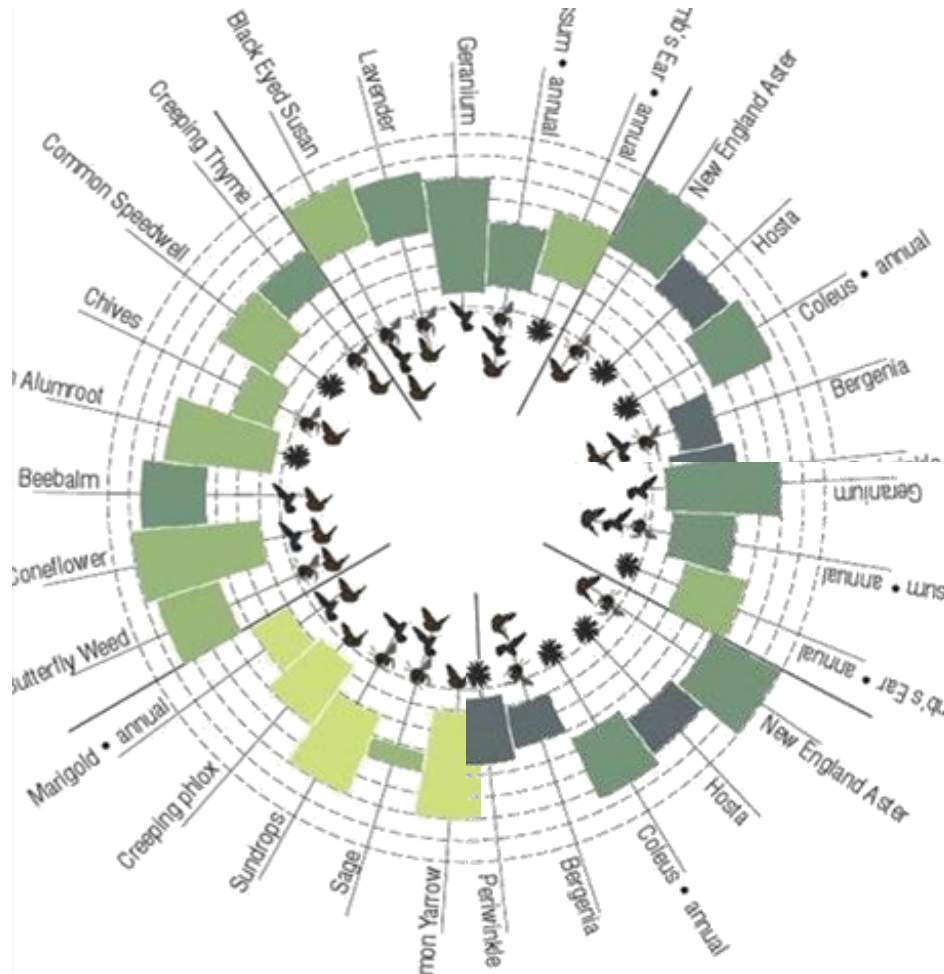
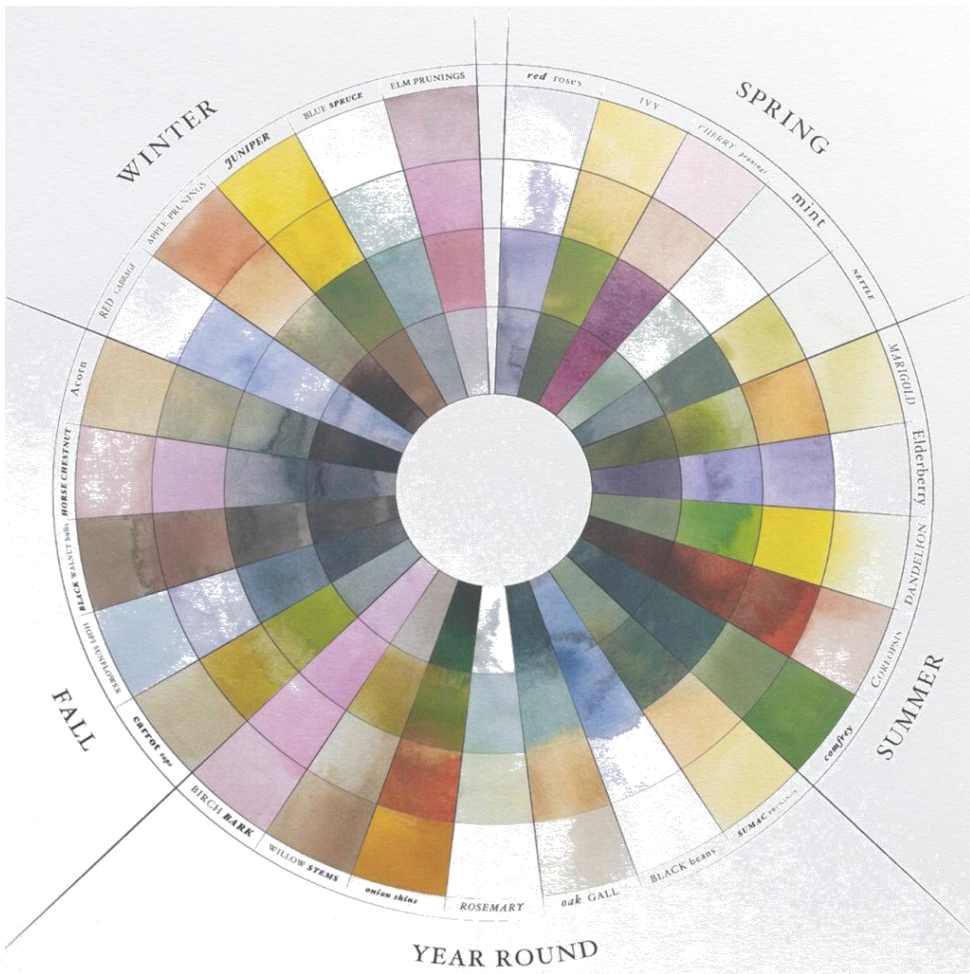


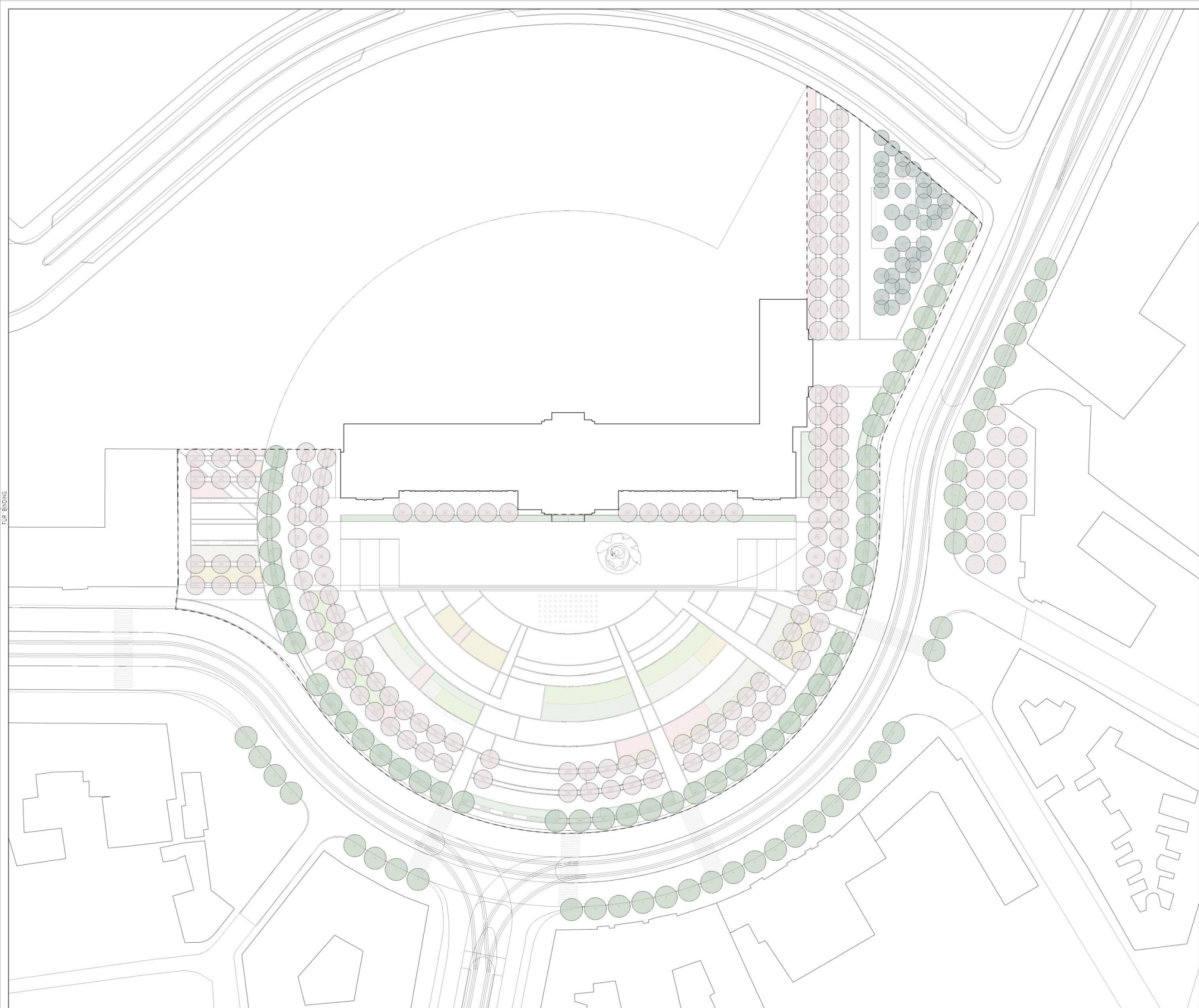


SOFTSCAPE

SOFTSCAPE MATERIALS PALETTE TREES, SHRUBS AND GROUNDOVERS

LANDSCAPE CONCEPT SEASONAL COLOR PLANTING WHEEL





FOR BIDDING

KEY_SOFT_SCAPE_TREES

COLOR	MARK	DESCRIPTION
Light Green	Ba	BETULA ALBA
Pink	Pav	PRUNUS AVIUM
Dark Green	Tc	TILIA CORDATA

NOTES:

ESCALA GRAFICA: 1/500


METROS

0 5 10 15 20 25 30 35 40 45 50

REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC


CLIENT:



Belgrade Waterfront

developed by EAGLE HILLS

ARCHITECTS:



FENWICK IRIBARREN

Campus Empresarial Arbo. Avenida de Placencia 5 Edificio 2 P.B 28-106 Alcobendas, Spain
tel. +34 91 555 68 36 fax +34 91 555 68 53 info@fi.com

CeS.TRA

MARK FENWICK

JAVIER IRIBARREN

Concept Design

SAVSKI SQUARE, BELGRADE

TITLE:

Soft Scape Tree General Plan

SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
P11_L 040	5		1/500		CD

SOFTSCAPE MATERIALS PALETTE - TREES “La Rambla”
Fraxinus excelsior 'Westhof's Glorie'

Tree-lined boulevards of European ash along the Rambla



SOFTSCAPE MATERIALS PALETTE - TREES
Prunus avium - Double alignment of cherries

Double alignment of cherries
Second ring parallel to the main boulevard for diverse uses, framed by double alignment of cherries. Human scale.

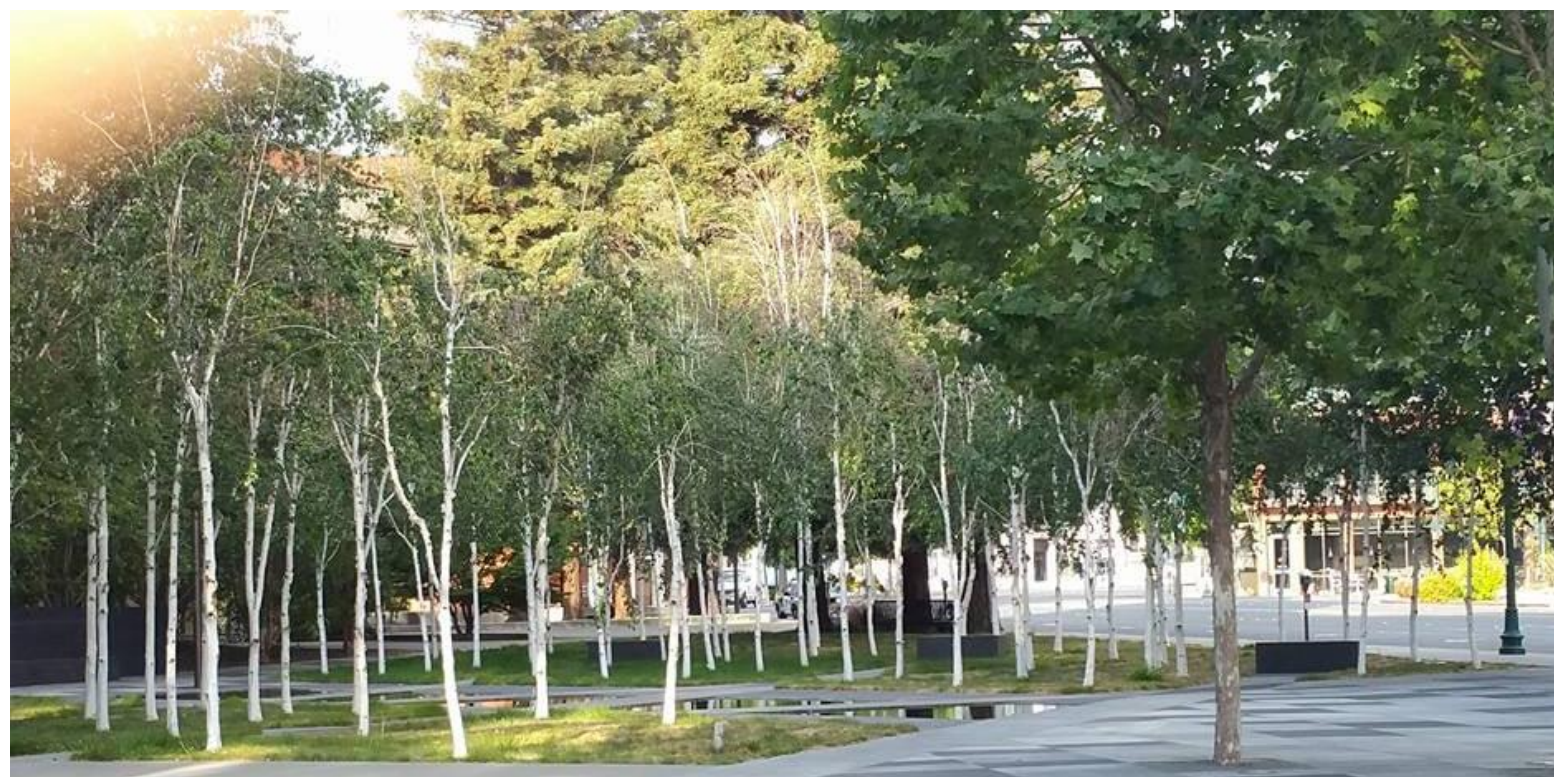
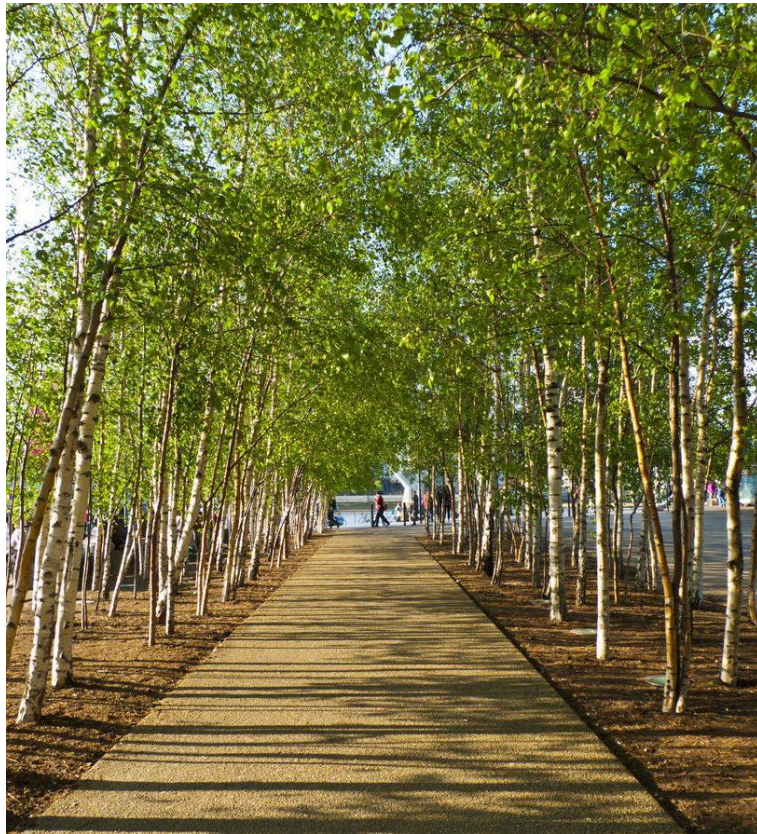


SOFTSCAPE MATERIALS PALETTE - TREES

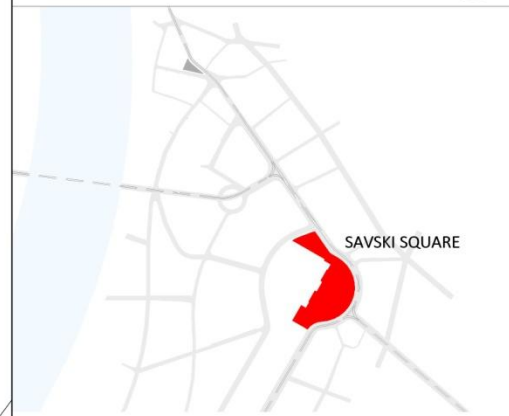
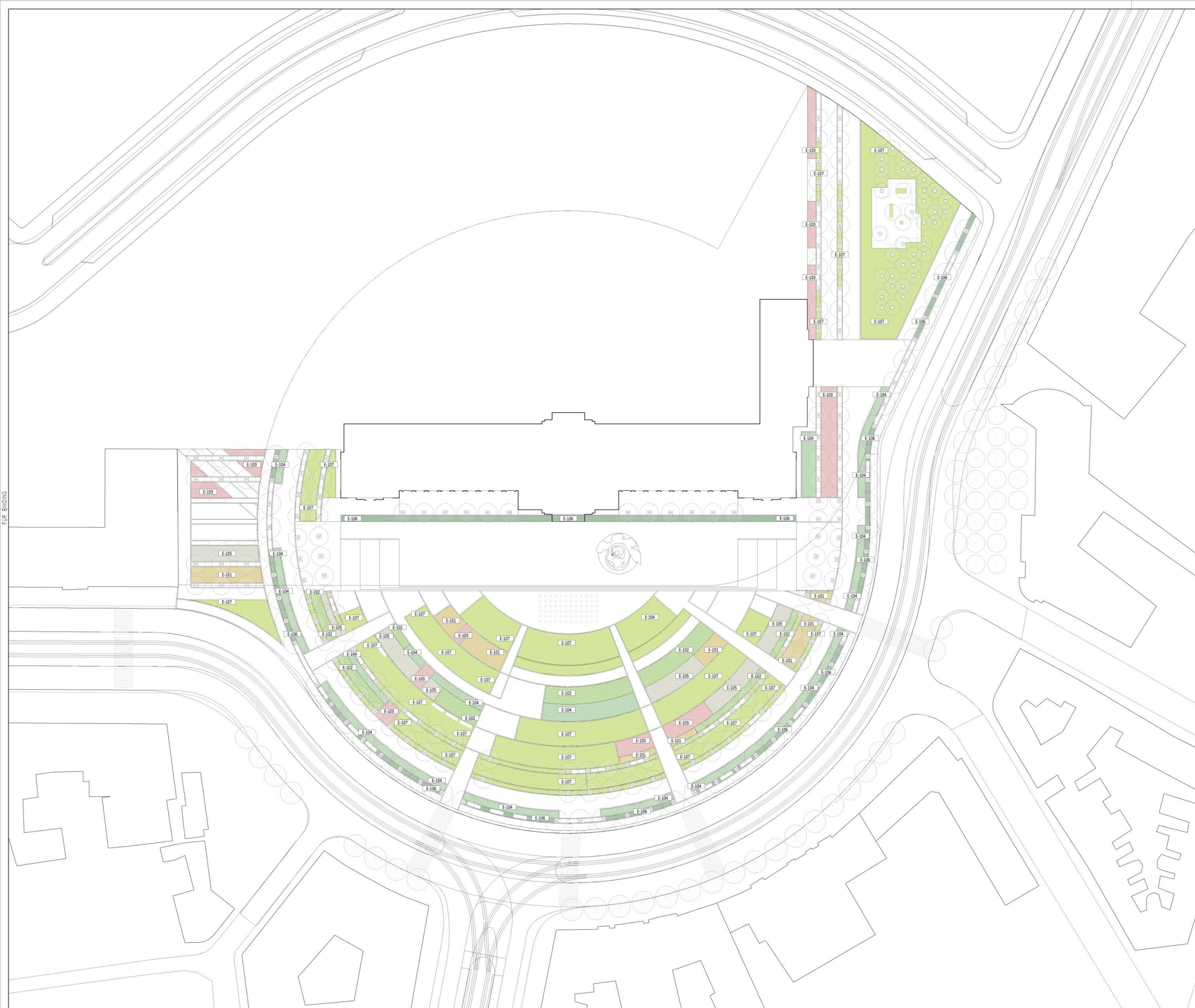
Betula alba – Birch Groves

Triangular squares with solid wood modular benches placed inside birch grove

- Betula Square – Island of relaxation
- Travnicki square



FOR BIDDING



KEY: SOFT SCAPE, SHRUBS & GROUNDCOVERS		
COLOR	MARK	DESCRIPTION
	E-101	IRIS GERMANICA
	E-102	SANTOLINA ROSMARINIFOLIA
	E-103	CORNUS SANGUINEA
	E-104	LAVANDULA SPP
	E-105	PENISETUM SPP
	E-106	LONICERA NITIDA
	E-107	REINFORCED LAWN

NOTES:

ESCALA GRAFICA: 1/500

METROS



REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JI	APRB.	CC

CLIENT:

 **Belgrade Waterfront**
developed by EAGLE HILLS

ARCHITECTS:

 **FENWICK IRIBARREN**
Campus Empresarial Arbo, Avenida de Pinar del Rio 101, Alcobendas, Spain
Tel: +34 91 555 68 36 Fax: +34 91 555 68 53 info@f-i.com

CeS.TRA

MARK FENWICK

JAVIER IRIBARREN

Concept Design			
SAVSKI SQUARE, BELGRADE			
TITLE: Soft Scape Shrubs & groundcovers General Plan			
SHEET NUMBER: P11_L 030	SERIE: REV: 5	SCALE: 1/500	FASE: CD

SOFTSCAPE MATERIALS PALETTE - SHRUBS

Lonicera nitida



Cornus sanguinea



Santolina rosmarinifolia



SOFTSCAPE MATERIALS PALETTE - GROUNDCOVERS

Helichrysum italicum



Iris germánica (white flower)



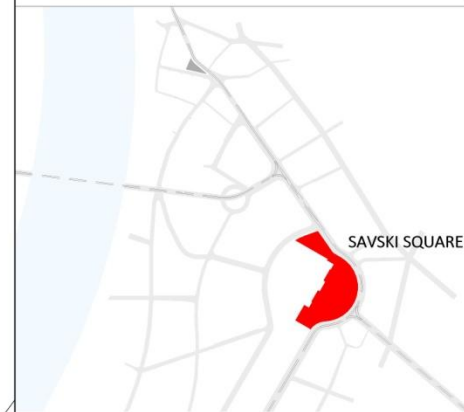
Pennisetum alopecuroides



SOFTSCAPE MATERIALS PALETTE - REINFORCED LAWN

Reinforced Lown including reinforcement mesh, extruded plastic mesh for the protection, stabilization and reinforcement of turf for pedestrian and light vehicle uses





NOTE: Provision of hydrant system (Quick Coupling Valve) for the cleaning and maintenance of paved areas.
Necessary in case of failure of the drip irrigation system, for watering the trees and rest of the plantation.

ESCALA GRAFICA: 1/500
METROS

REV.	DESCRIPTION	DATE
------	-------------	------

CLIENT:



Belgrade Waterfront
developed by EAGLE HILLS

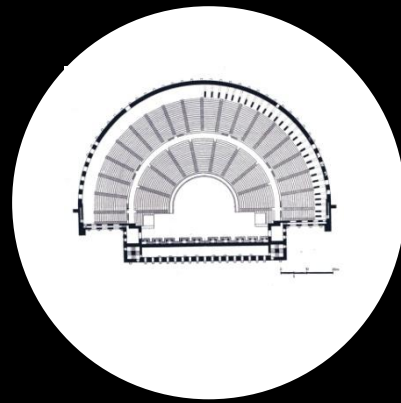
 **FENWICK IRIBARR**
Campus Empresarial Artea, Avenida de Fuencarral 5 Edificio 2-PB 28108 Alcobendas
tel. +34 91 555 69 30 fax +34 91 555 69 52

MARK TENWICK

SAVSKI SQUARE, BELGRADE

Irrigation Concept Layout

SHEET NUMBER:		SERIE:	REV:	ORIGINAL SIZE:
P11_L 060		6		SCALE: 1/500



EVENTS AT SAVSKI SQUARE

THE PODIUM FOR A NORMAL DAY AND OUTDOOR MUSEUM

EVERY DAY OF THE YEAR AND OUTDOOR MUSEUM PLATFORM

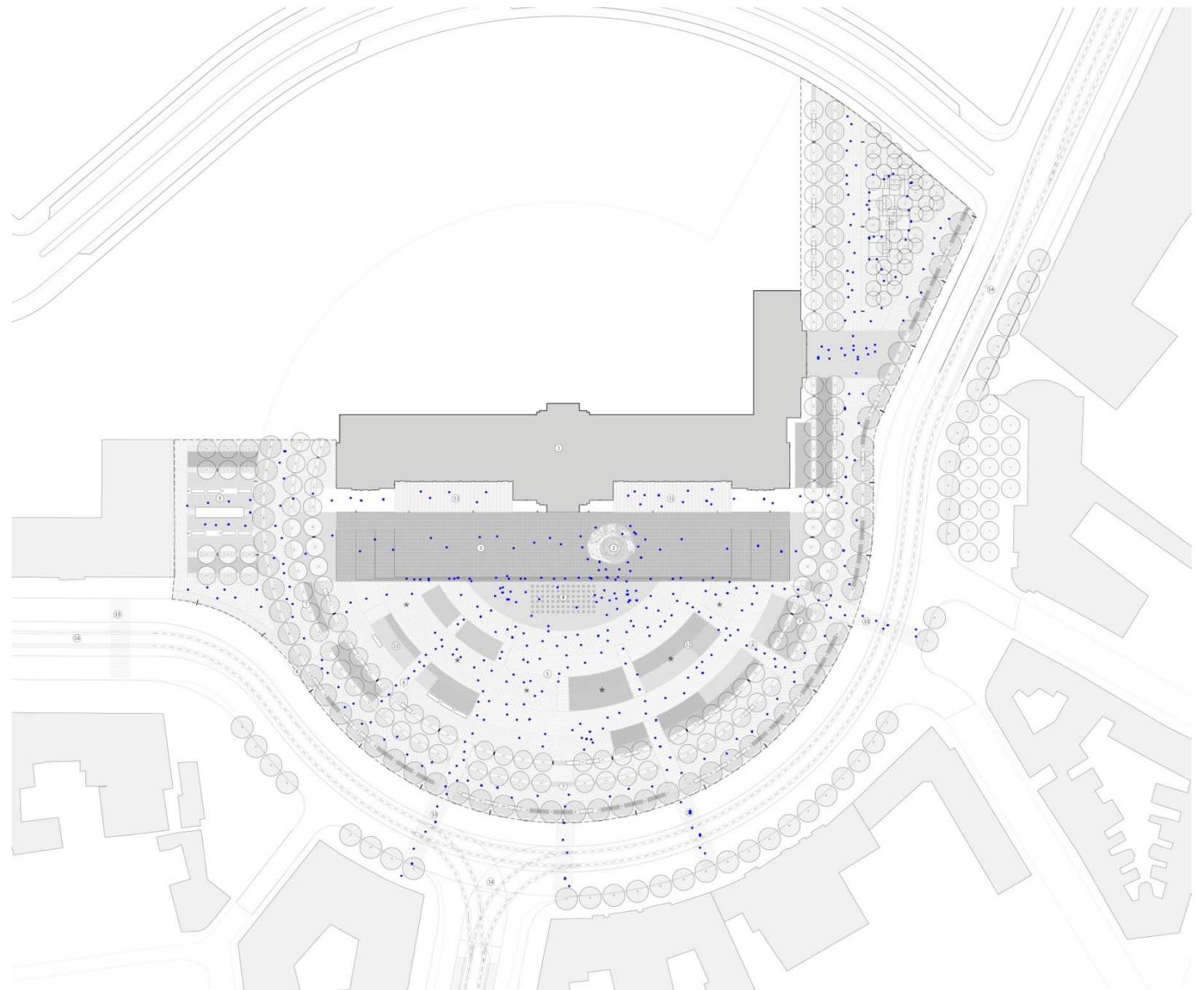
The Podium is a place which needs to be used every day of the year. It is meant to be a place for people to move around, to sit and to pass through. The Plaza therefore develops passive and active spaces in which the people can move.

The plaza Podium space can also be used as a space for exhibition and even become an outside sculpture museum. The new use of the train station as a MUSEUM can be extended outside to this podium space, a large rectangular area in front of the facade of the old station.

It is a great opportunity to have a large open space with the wonderful backdrop of the old historical train station, and on which large and amazing pieces of art can be located.



SAVSKI SQUARE IN A NORMAL DAY



THE PEDESTRIAN RAMBLA



THE PODIUM FOR NATIONAL DAY

NATIONAL DAY CELEBRATIONS

All cities look to have an urban space where celebrations can occur, some for sports events and some countries celebrate every year the NATION.

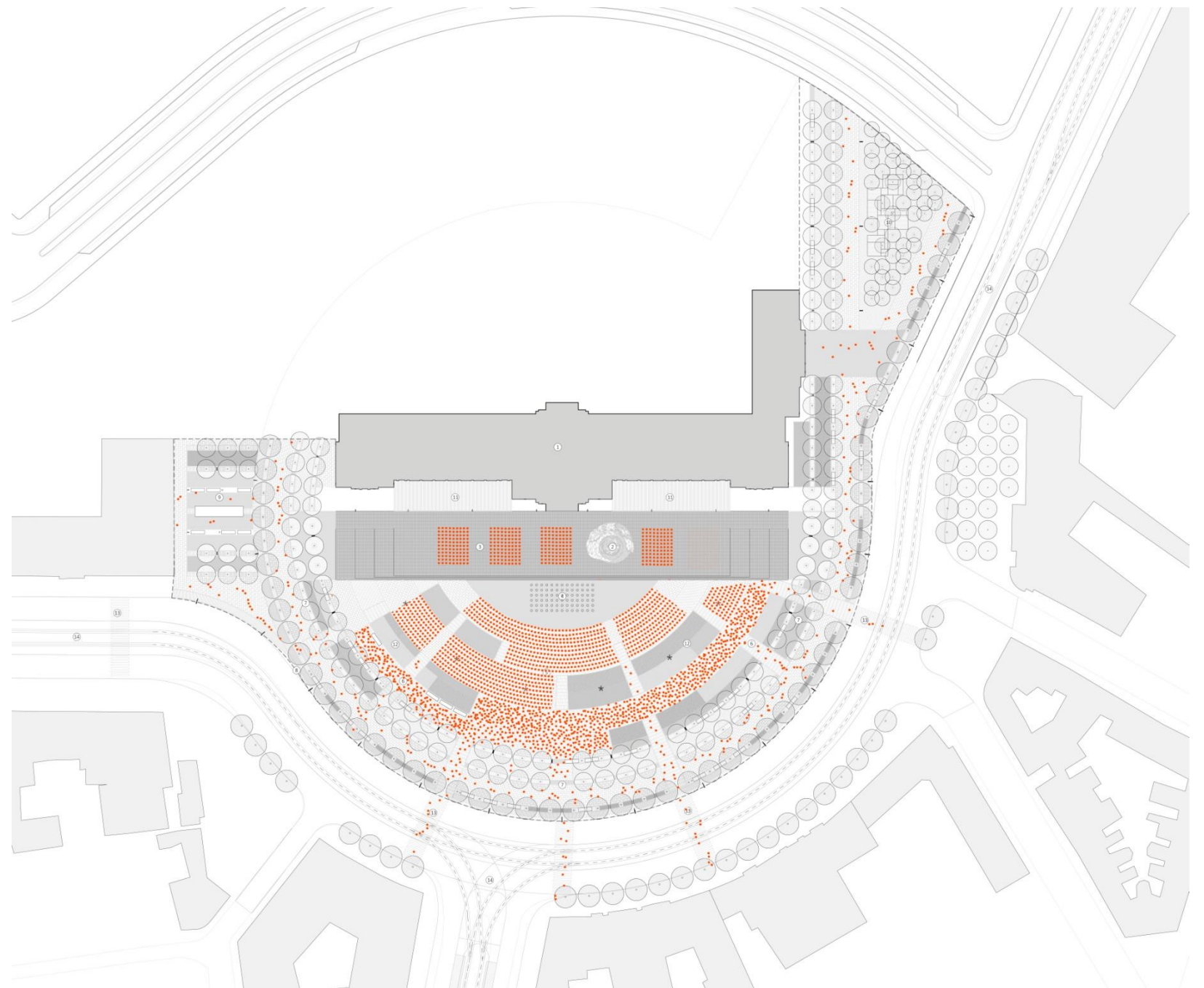
We feel the SAVSKI square can be a great opportunity to become a focus space to celebrate the Serbian National Day. The fact that the design looks to incorporate the statue of Stefan Nemanja allows that this symbol is placed in a strategic position.

The Plaza can be a processional pathway for the National Day procession, and celebration.

The SAVSKI square can therefore gain a massive patriotic sense as being the centre of the Nations pride.



SAVSKI SQUARE IN THE NATIONAL DAY



THE PODIUM FOR NATIONAL DAY



THE PODIUM AND A CONCERT OR THEATRE CELEBRATION

CONCERTS OR THEATRE

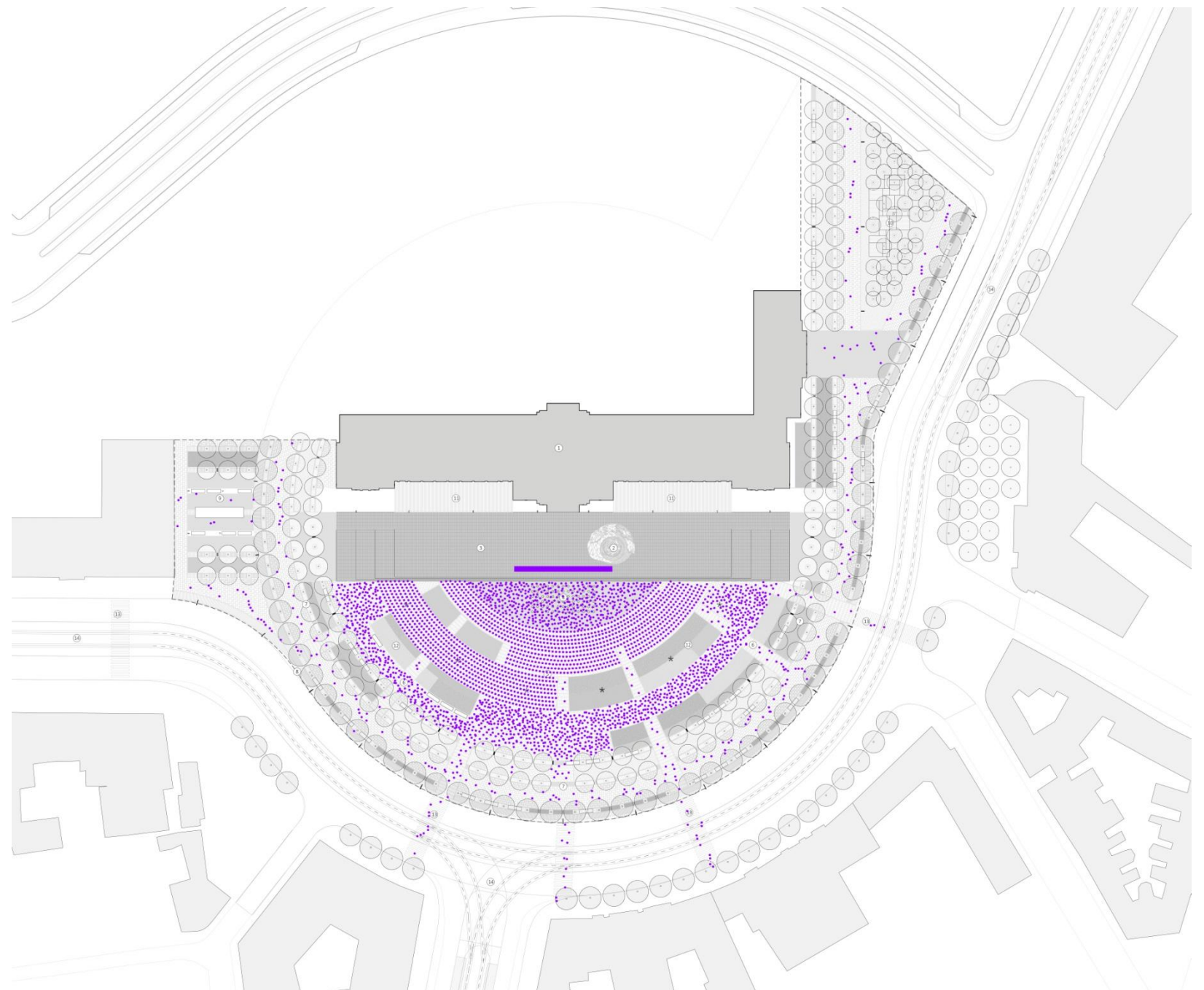
The Podium is an amazing platform, slightly raised to the surrounding areas.

This therefore allows the Plaza to function following the criteria of the old Roman Theatres, The backdrop of the stadium is the SCENIUM, the platform in front is the Podium, and the rest of the circular square around, focused on the Podium is the CAVEA.

This allows that the whole square is centres or focused to the centre of the Podium, and this can allow that some scenario can be placed in the centre for a theatre of a concert to happen.



SAVSKI SQUARE IN EVENTS DAY



THE PODIUM AND A CONCERT OR THEATRE CELEBRATION



THE PODIUM AND MARKET PLACE

GASTRONOMIC DAY

The area around the Plaza, which is meant to be a sort of shaded RAMBLA or Boulevard, allows that on certain days there can be stalls implemented on the border, and allowing people to walk around the Plaza and experience a market day there, or even some food trucks can be there.

This makes the Square to become a destination for events such as :

BOOK FAIR

MARKET DAYS

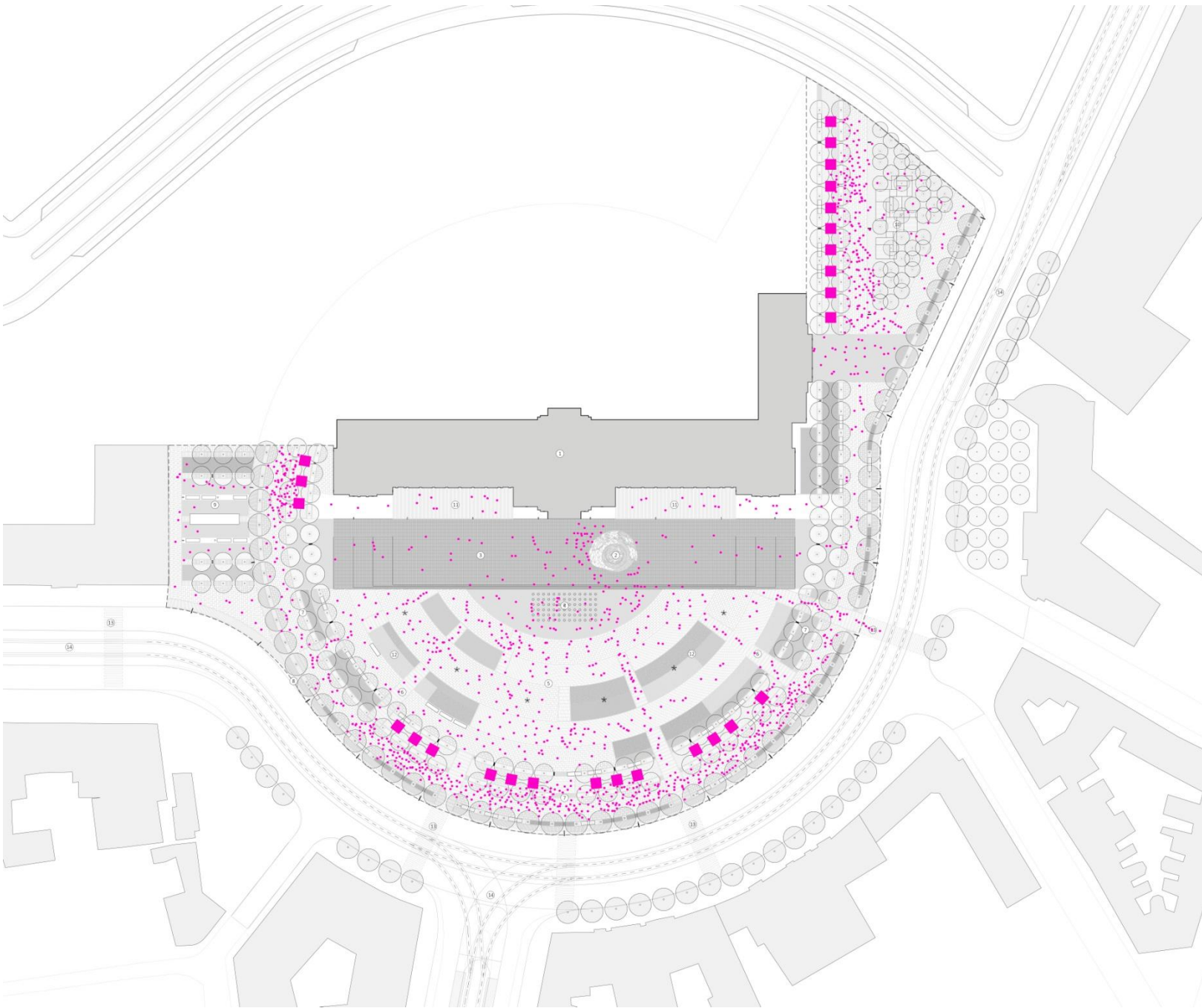
FOOD EVENT AND GASTRONMOMY FAIR

FLOWERS AND PANTS FAIR

The possibilities are immense and the nature of the circular boulevard is such as these uses can be placed under the trees and create a more human scale area for people to sit wander and buy from the different events.



SAVSKI SQUARE IN A FAIR DAY



THE PODIUM AND MARKET PLACE





AREAS FOR SOCIAL INTERACTION

CREATE PLACES IN THE PARK FOR WORK OR SOCIAL INTERACTION

A PLACE FOR EVERYONE!

The square is been designed for beeing a place which everyone can enjoy.

We create areas where children can play, Teenagers can meet with friends as and practice outdoor sports, young people can rest or even go for a run or practice some Yoga.
It is a perfect place for the older ones is well as they can meet for a walk a chat or play cards.

THE OLDER ONES



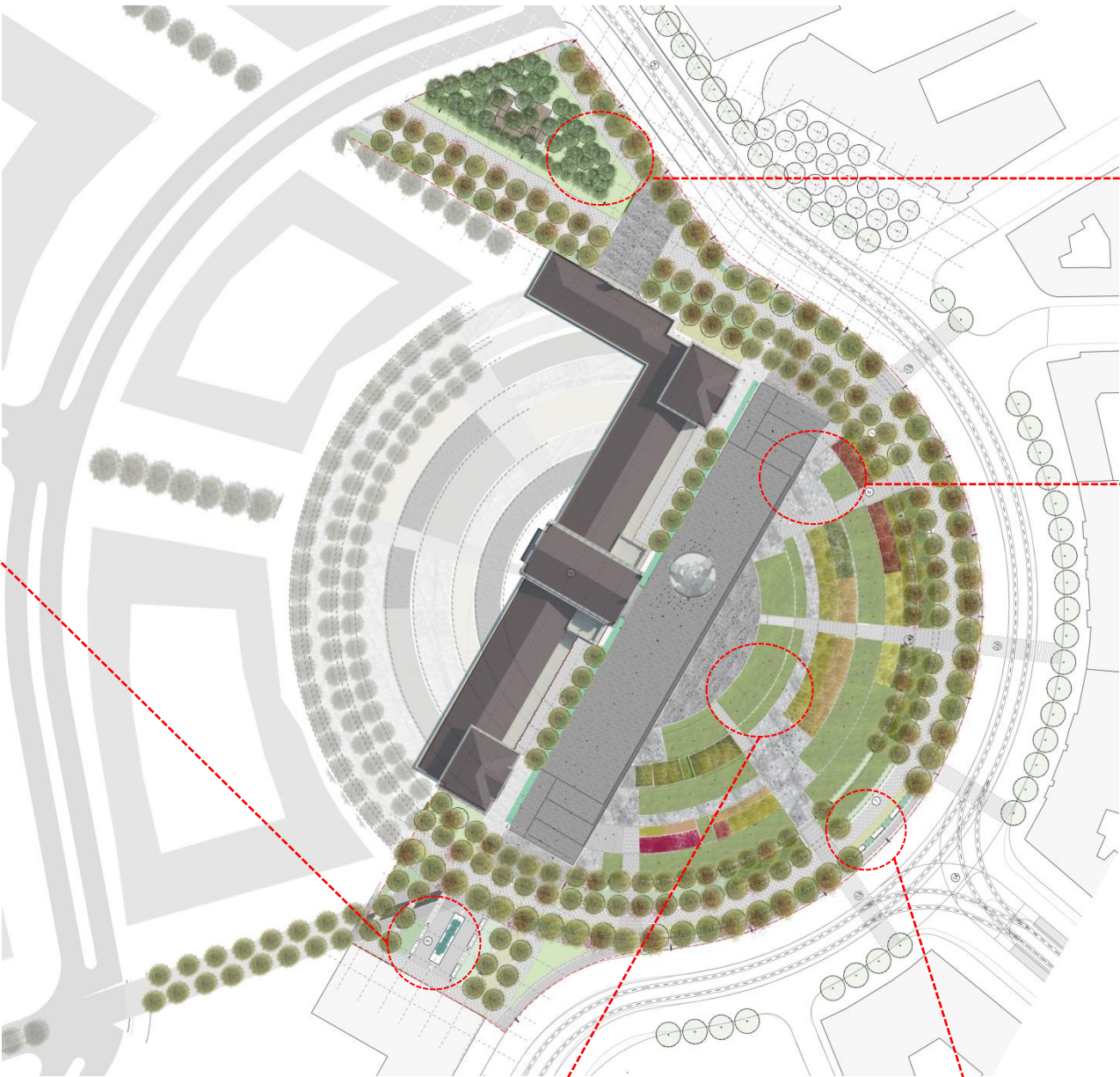
THE YOUNG ONES



CHILDREN

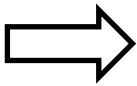
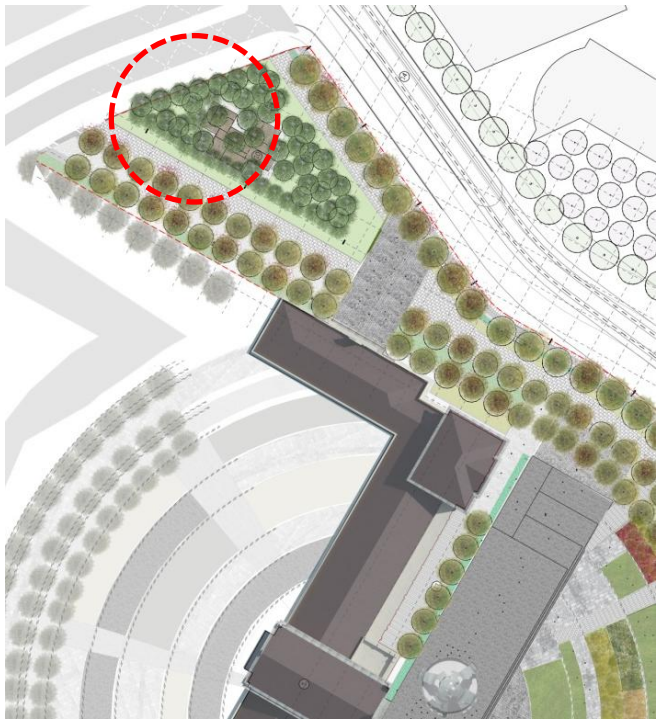


TEENAGERS



PROPOSAL FOR SPORT AREAS (URBAN LIFE STYLE)

SPORT OUTDOOR AREAS. GREEN ISLANDS.



WI FI AREAS

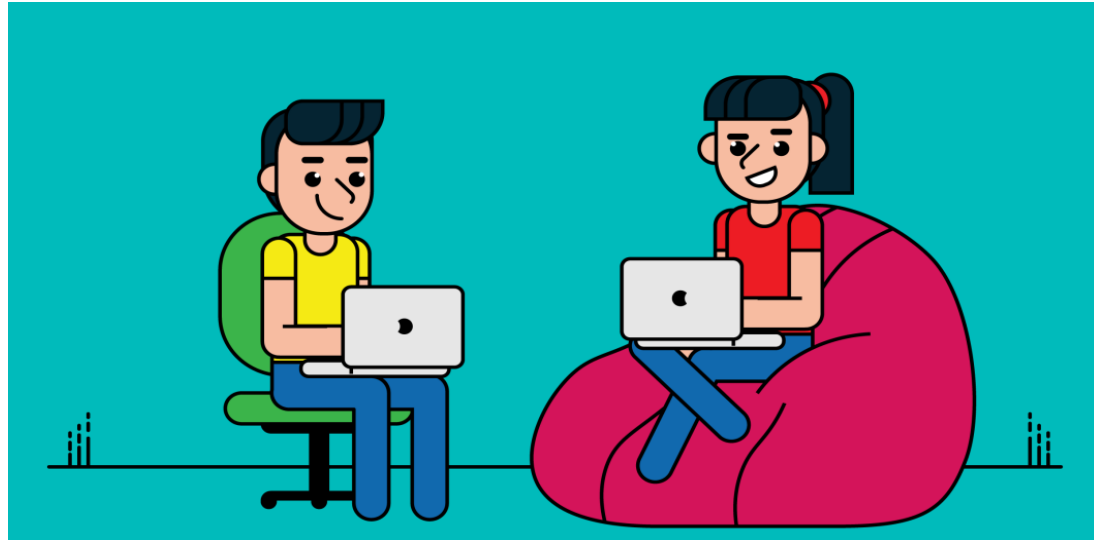
Nowadays technolgy takes part of our way of life. Therefor it is important to create areas with wifi, wi fi areas where people can reach tecnology easier and could find in the square a perfect location to work or communicate.

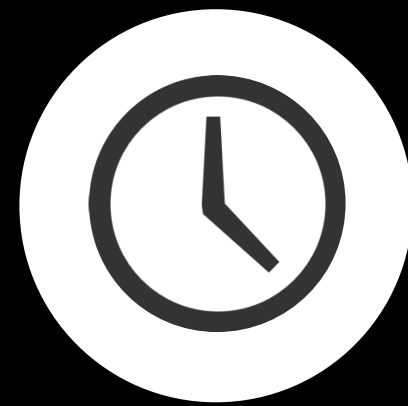


NEW APPROACHES TO WORKSPACE IN GREEN AREAS

Implementing an ONSITE MOBILE WORKPLACE STRATEGY for flexibility is an innovative approach to workplace design that allows companies to respond to changes in work and managerial processes. It integrates choice for the employee as to where, how and when they work.

An onsite mobility program, builds on an organization's business strategy and provides the a variety of settings, technology and tools required for the work that needs to be done drives long term employee satisfaction and productivity.





TEMPORARY ACTIVITIES

IDEAS FOR TEMPORAL URBAN FURNITURE

The plaza is a place which could be changing all the time. Here are some ideas of urban furniture and activities that could be located in different points of the plaza





THE RAMBLA WALKWAY

**AROUND THE SQUARE AS
A GREEN BUFFER TO THE SURROUNDING CITY**

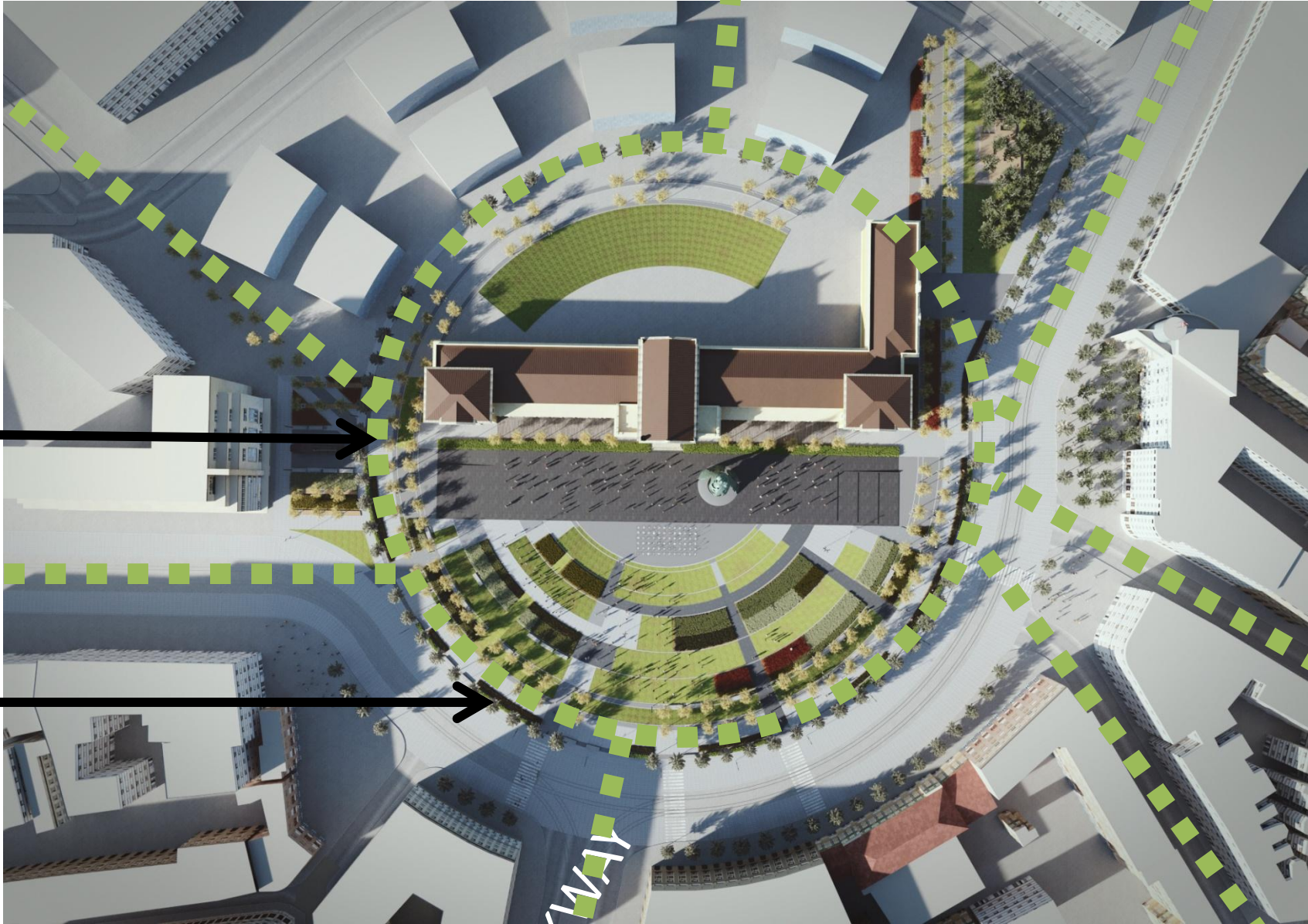
THE CIRCULAR WHEEL IS FORMED BY DIFFERENT ROWS OF TREES

The rows of trees form the CONCENTRIC EDGE of the Plaza. The outer row is a single row which is taken further into the streets of Belgrade, while the inner rings are designed from two rows of trees forming the circle.

These three rows of trees make a strong green border with the City.
DOUBLE TREE LINE THE WHEEL



SINGLE TREE LINE THE CHAIN











PHASES OF SAVSKI SQUARE

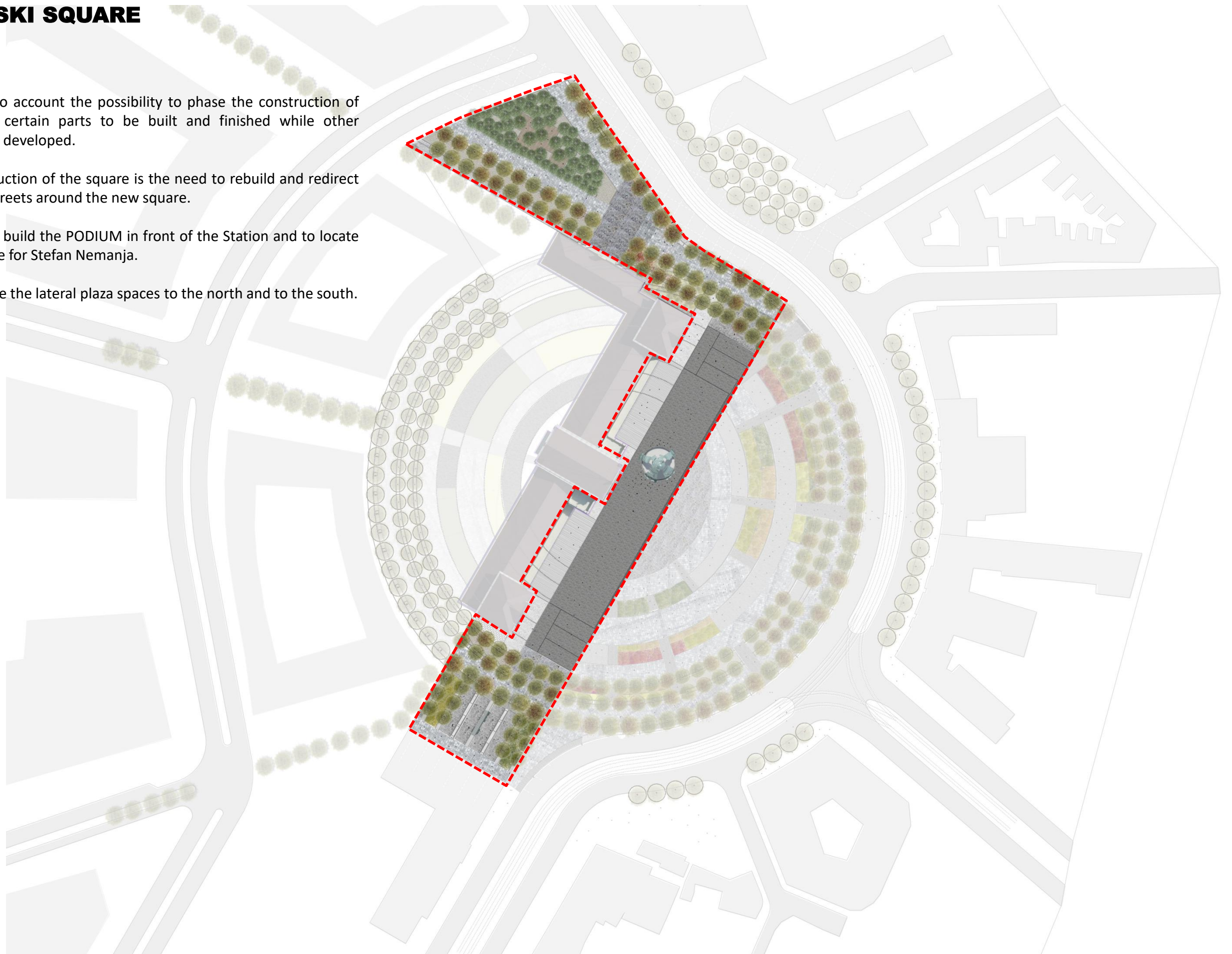
PHASES OF SAVSKI SQUARE PHASE1

The Concept Design takes into account the possibility to phase the construction of the Sabski Sqaure to allow certain parts to be built and finished while other infrastructure works are being developed.

The main issue for the construction of the square is the need to rebuild and redirect both the Tram lines and the Streets around the new square.

The first phase is therefore to build the PODIUM in front of the Station and to locate on the podium the large statue for Stefan Nemanja.

The first phase can also include the lateral plaza spaces to the north and to the south.



PHASES OF SAVSKI SQUARE PHASE 2

The Concept Design then proposes a second phase of the project where the front of the Square is built once all the streets and the Tram lines have been diverted and are functioning.

This is the main central area for the public space, and includes the central semi circular pedestrian area and also the outside semi circular Rambla promenade which surround the full Square design.



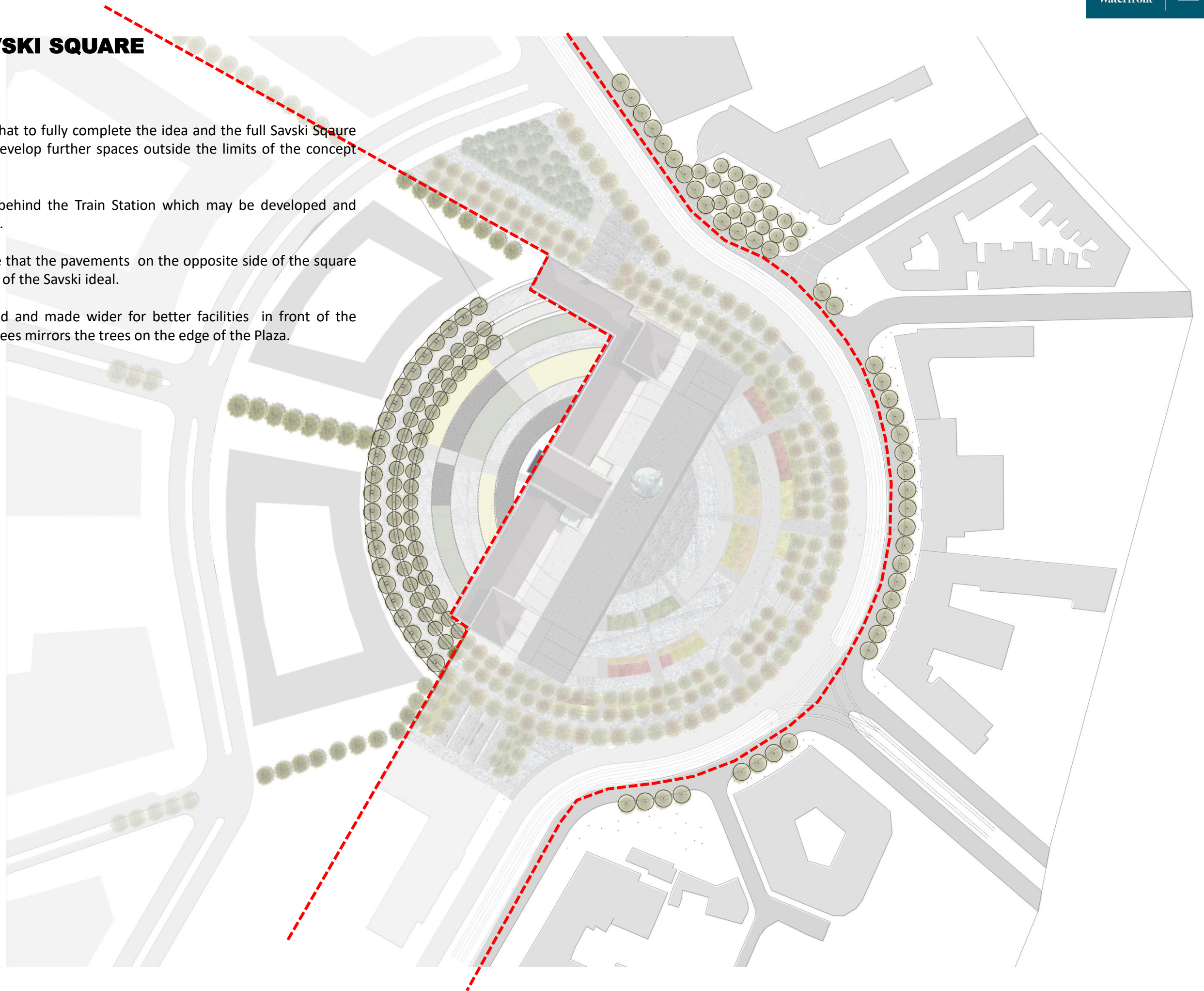
PHASES OF SAVSKI SQUARE PHASE3

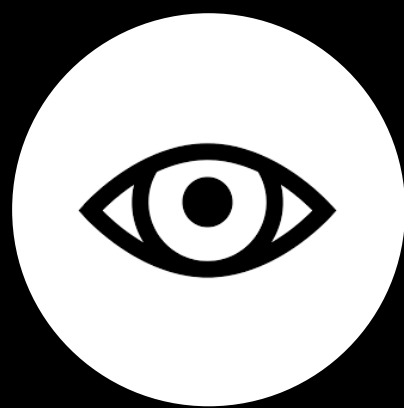
The Concept Design shows that to fully complete the idea and the full Savski Square idea, the project needs to develop further spaces outside the limits of the concept design..

These spaces are the area behind the Train Station which may be developed and extended for a new Museum.

Also it is of great importance that the pavements on the opposite side of the square are coherent with the design of the Savski ideal.

The pavements are extended and made wider for better facilities in front of the buildings, and a line of Tilo trees mirrors the trees on the edge of the Plaza.





VIEWS FO THE PLAZA

SAVSKI SQUARE IN THE CITY OF BELGRADE

A FULCRUM BETWEEN THE OLD AND THE NEW CITY











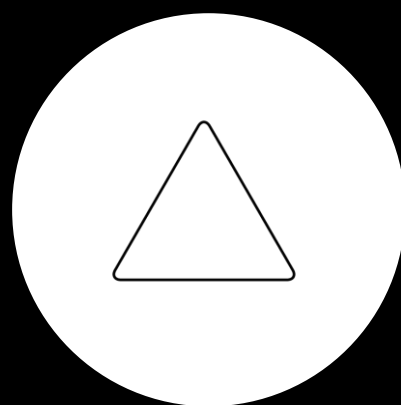












TRAVNICHKI PLAZA

TRAVNICHSKI PARK AND SAVSKI SQUARE

The small square is located far from the SAVSKI square, but the idea behind the landscaping is to make the pattern on the floor of the square be an extension of the pattern in the Savski square.

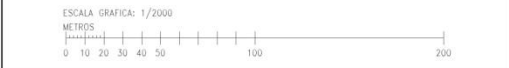
This idea makes the small square have an underlined relationship with the main square, but at the same time keep an individual identity on its own.



FOR BINDING



NOTES:



REV.	DESCRIPTION	DATE


DIB.	FIA	CHEQ.	MF	APRB.	JL	APRB.	CC

CLIENT:




Belgrade Waterfront
developed by EAGLE HILLS


ARCHITECTS:



FENWICK IRIBARREN
Campus Empresarial Arboa, Avenida de Puente de San Juan 100, Alcobendas, Spain
Tel: +34 91 555 68 36 Fax: +34 91 555 68 53 [firibaren.com](http://www.firibaren.com)



CeS.TRA



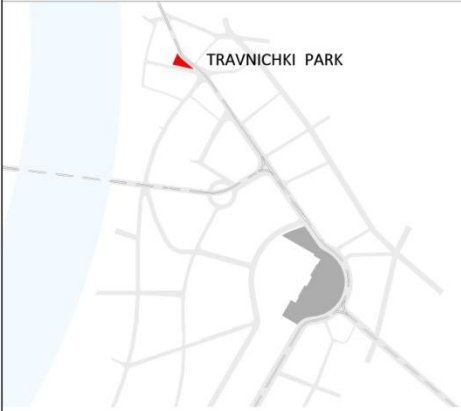
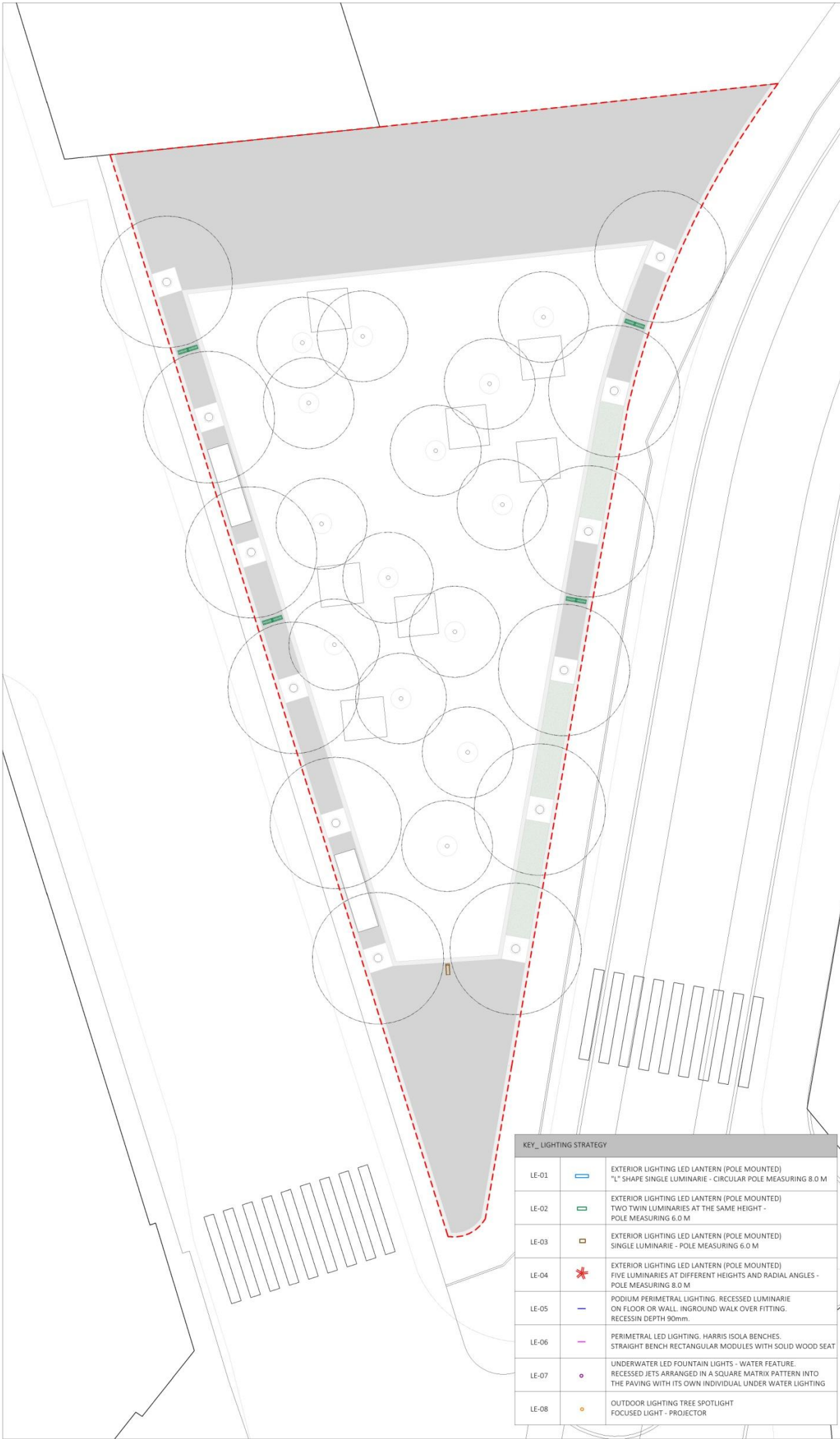
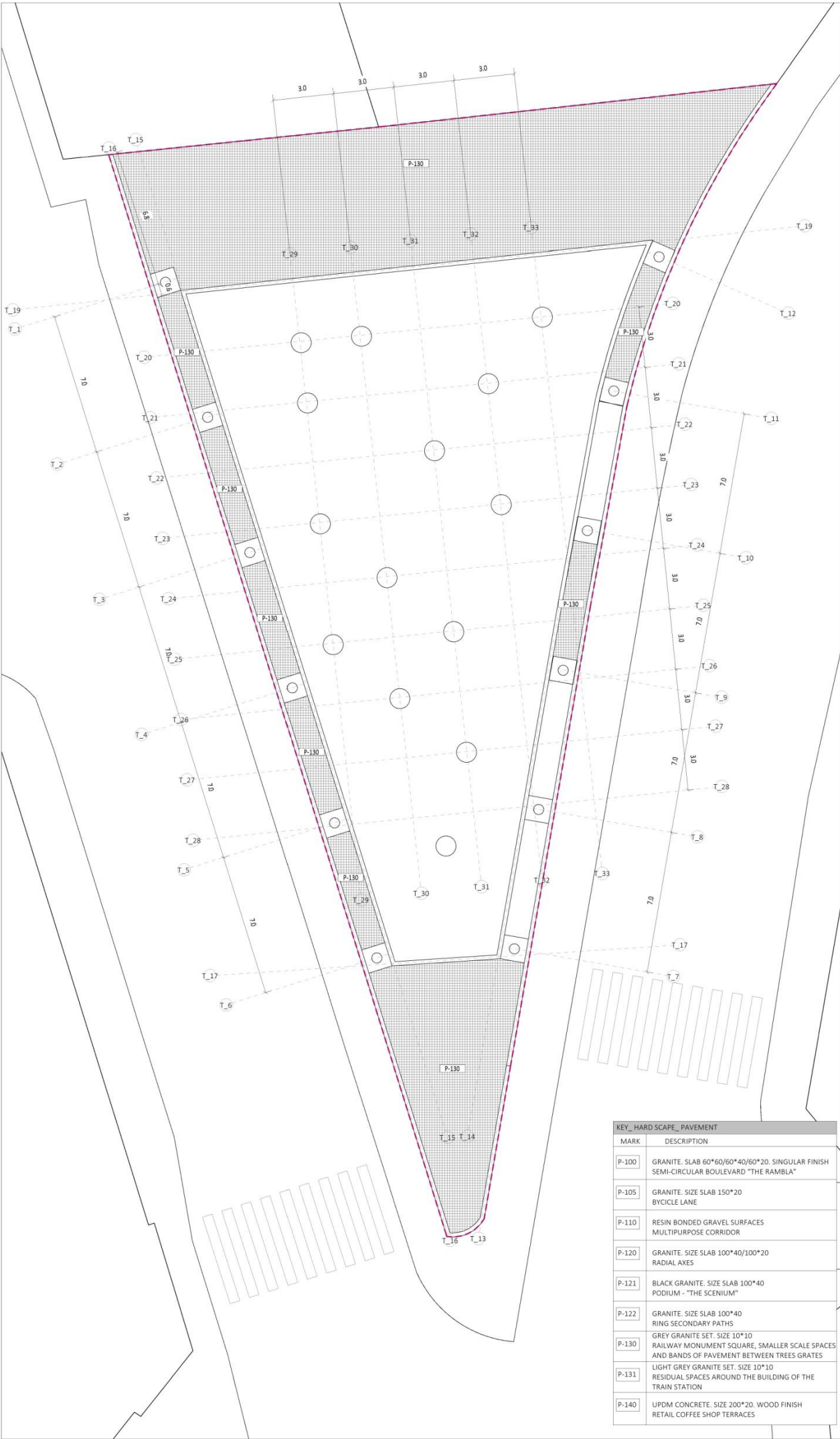
Concept Design

SAVSKI SQUARE, BELGRADE

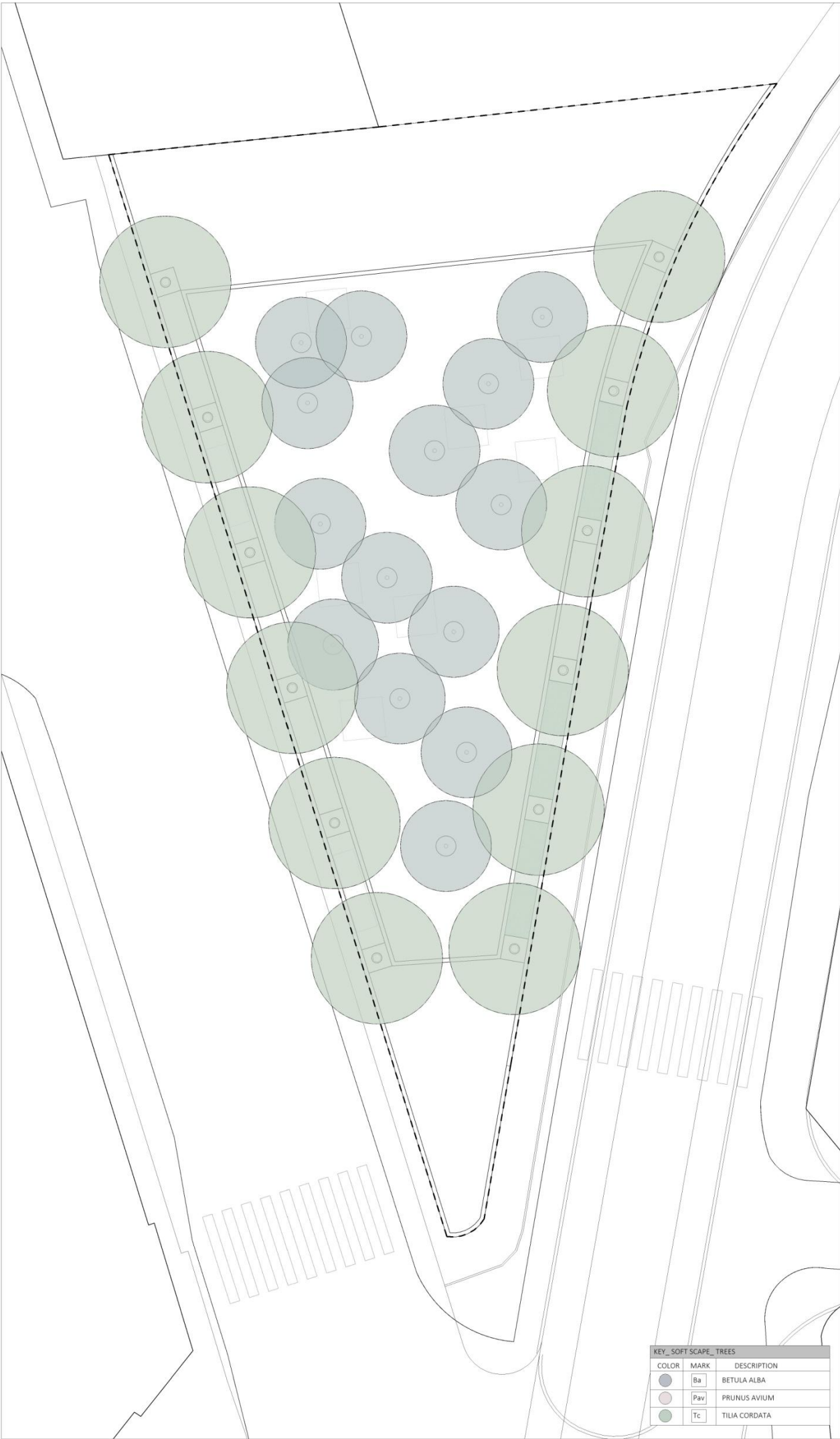
TITLE:

Context Plan

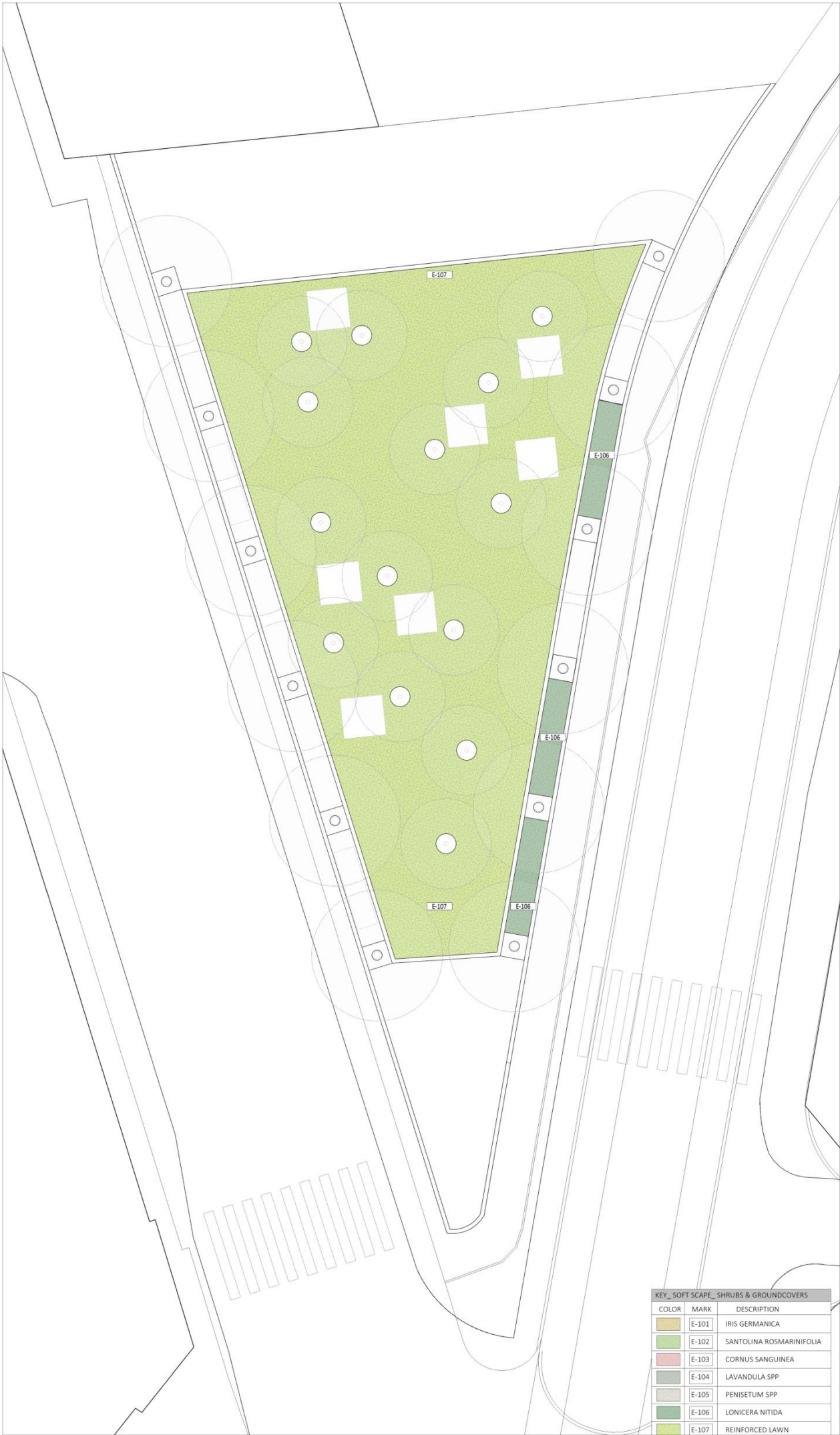
SHEET NUMBER:	SERIE:	REV:	SCALE:	ORIGINAL SIZE:	FASE:
P11_L 001	1	1/2000	1/2000		CD



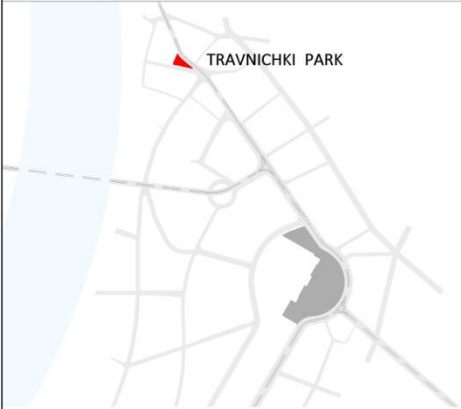
NOTES:			
ESCALA GRAFICA: 1/125 METROS 0 1 2 3 4 5 6 7 8 9 10			
REV.	DESCRIPTION		DATE
DIB.	FIA	CHEQ.	MF
APRB.	JL	APRB.	CC
CLIENT:			
 developed by EAGLE HILLS			
ARCHITECTS:			
 Campus Empresarial Arbo. Avenida de Placencia 5 Edificio 2 PB 28 101 Alcobendas, Spain tel: +34 91 555 68 36 fax: +34 91 555 68 53 			
CeS.TRA 			
Concept Design			
SAVSKI SQUARE, BELGRADE			
TITLE: Hard Scape & Lighting Proposal			
Travnichki Square			
ORIGINAL SIZE:			
SHEET NUMBER:	SERIE:	REV:	SCALE:
P11_L 020.10	4		1/125
FASE:			CD



KEY_ SOFT SCAPE_ TREES		
COLOR	MARK	DESCRIPTION
	Ba	BETULA ALBA
	Pav	PRUNUS AVIUM
	Tc	TILIA CORDATA



KEY_ SOFT SCAPE_ SHRUBS & GROUNDCOVERS		
COLOR	MARK	DESCRIPTION
	E-101	IRIS GERMANICA
	E-102	SANTOLINA ROSMARINIFOLIA
	E-103	CORNUS SANGUINEA
	E-104	LAVANDULA SPP
	E-105	PENISETUM SPP
	E-106	LONICERA NITIDA
	E-107	REINFORCED LAWN



NOTES:

ESCALA GRAFICA: 1/125
METROS
0 1 2 3 4 5 6 7 8 9 10

REV.	DESCRIPTION	DATE

DIB.	FIA	CHEQ.	MF	APRB.	JL	APRB.	CC

CLIENT:

developed by EAGLE HILLS

ARCHITECTS:

CeS.TRA
MARK FENWICK
JAVIER IRIBARREN

Concept Design
SAVSKI SQUARE, BELGRADE

TITLE:
Soft Scape Travnichki Square

SHEET NUMBER:	SERIE:	REV:	ORIGINAL SIZE:	SCALE:	FASE:
P11_L 030.10	5			1/500	CD

TRAVNICHKI PARK

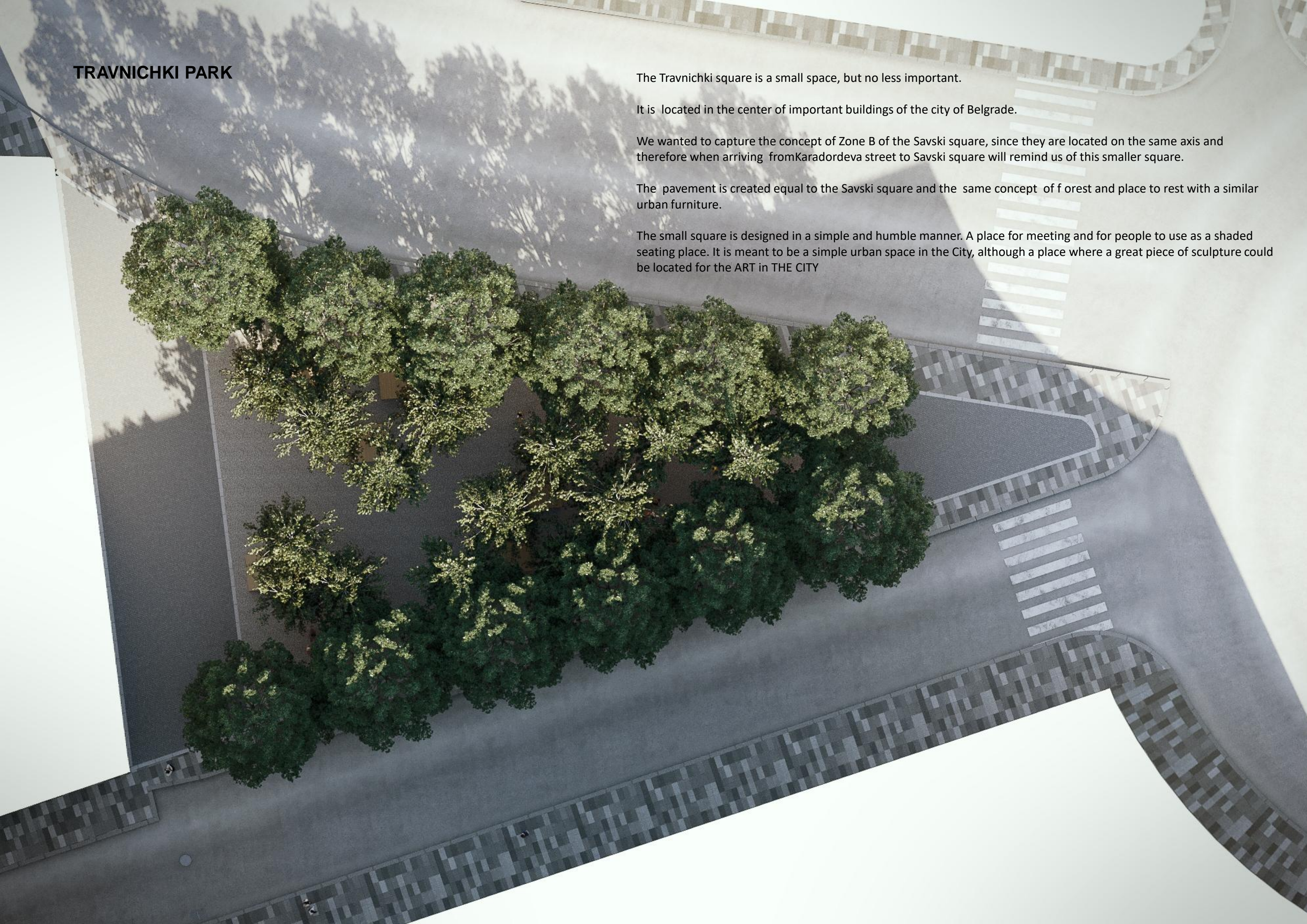
The Travnichki square is a small space, but no less important.

It is located in the center of important buildings of the city of Belgrade.

We wanted to capture the concept of Zone B of the Savski square, since they are located on the same axis and therefore when arriving from Karadordeva street to Savski square will remind us of this smaller square.

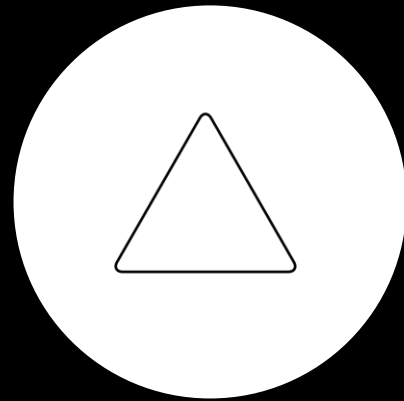
The pavement is created equal to the Savski square and the same concept of forest and place to rest with a similar urban furniture.

The small square is designed in a simple and humble manner. A place for meeting and for people to use as a shaded seating place. It is meant to be a simple urban space in the City, although a place where a great piece of sculpture could be located for the ART in THE CITY



TRAVNICHKI PARK





BOQ

ESTIMATED BOQ

ESTIMATED BILL OF QUANTITIES

CODE	DESCRIPTION	QUANTITY
SV1	SVASKI SQUARE	
SV11	CIVIL WORKS	
CW01	m2 CONCRETE	2.784,12
CW02	m2 SCREED RAISED PODIUM	2.688,62
CW03	m2 CONCRETE SLAB PODIUM	2.688,62
CW04	m3 SCULPTURE FOUNDATION	113,00
CW05	m3 TRAIN FOUNDATION	28,65
CW06	ud WATER FEATURE JETS	1,00
CW07	ud BICYCLE STATION	1,00
SV12	CLADDING	
VC01	m2 CLADDING PODIUM	168,63
SV13	HARD LANDSCAPE	
P-100	m2 GRANITE TYPE P-100. SLAB SIZE 60x60/60x40/60x20. SINGULAR FINISH. SEMI-CIRCULAR BOULEVARD "THE RAMBLA"	2.716,60
P-105	m2 GRANITE TYPE P-105. SIZE SLAB 150x20. BICYCLE LANE	905,31
P-110	m2 RESIN BOUND GRAVEL. TYPE P-110	721,54
P-120	m2 GRANITE TYPE P-120. SIZE SLAB 100x40/100x20.	755,55
P-121	m2 BLACK GRANITE TYPE P-121. SIZE SLAB 100x40. PODIUM - "THE SCENIUM"	2.568,44
P-122	m2 GRANITE TYPE P-122. SIZE SLAB 100x40/100x20. RADIAL AXES BLACK	452,56
P-130	m2 GREY GRANITE SETT TYPE P-130	1.873,02
P-131	m2 GREY GRANITE SETT TYPE P-131. SIZE 10x10.	554,45
P-140	m2 UPDM CONCRETE SLAB WOODGRAIN TEXTURE TYPE P-140	475,71
P-141	m2 BICYCLE LANE GRANITE TRIM TYPE P-141	281,22
PA11	m. CURB-TRIM	4.234,73
PA12	m2 PAVING BASE	1.873,02
SV14	SOFT LANDSCAPE	
PL01	ud FRAXCINUS EXCELSIOR WESTHOF'S GLORIE	51,00
PL02	ud BETULA ALBA	39,00
PL03	ud PRUNUS AVIUM	134,00
PL04	m2 LONICERA NITIDA	522,55
PL05	m2 SANTOLINA ROSMARINIFOLIA	506,12
PL06	m2 PENNISETUM SPP.	459,61
PL07	m2 HELICHRYSUM ITALICA	835,12
PL08	m2 IRIS GERMANICA SPP.	386,09
PL09	m2 CORNUS SANGUINEA	567,29
PL10	m2 WEED CONTROL BARRIER	3.276,78
PL11	m2 PINE BARCK MULCH	3.276,78
PL12	ud TREE ANCHORING	224,00
PL13	m2 MANUAL RACKING	3.276,78
PL14	m3 TOP SOIL	1.459,93
PL15	m2 ROOT BARRIER	896,00
PL16	m2 TRADITIONAL LAWN	4.022,92
SV15	FURNITURE & EQUIPMENT	
EQ01	ud TREE GRATE	185,00
EQ02	ud TREE GRILL "CIRCULAR IRON RING"	39,00
EQ04	ud MODULAR WOOD BENCH	1,00
EQ05	ud CONCRETE BENCH	43,00
EQ06	m. CONCRETE MODULAR BENCH ESCOFET	93,60
EQ07	ud LUNGO MARE ESCOFET	3,00
EQ08	ud PRIMARY STRUCTURE CHILDREN AREA	1,00
EQ09	ud LITTERBIN	15,00
SV16	LIGHTING	
LI01	ud LUMINAIRE TYPE 1	17,00
LI02	ud LUMINAIRE TYPE 2	20,00
LI03	ud LUMINAIRE TYPE 3	14,00
LI04	ud LUMINAIRE TYPE 4	6,00
LI05	m. LUMINAIRE TYPE 5	259,00
LI06	m. LUMINAIRE TYPE 6	90,00
LI07	ud LUMINAIRE TYPE 7	72,00
LI08	ud LUMINAIRE TYPE 8	7,00
SV17	DRAINAGE	
DR01	m. HIDDEN DRAINAGE CHANNEL TYPE SD01	320,50
DR02	m. GALVANIZED STEEL CHANNEL / TRENCH	877,15
DR03	m2 GENERAL DRAINAGE SYSTEM	19.727,15
SV18	IRRIGATION	
IR01	m2 GENERAL IRRIGATION	3.276,78
IR02	m2 SPRINKLER WATER SYSTEM "TURF"	4.022,92
IR03	m. TREE IRRIGATION RING	1.398,64
SV19	OTHERS	
IT01	ud FREE WIFI POINTS PROVISION	5,00
WS01	ud OUTDOOR WAYFINDING SIGNAGE	1,00

ESTIMATED BILL OF QUANTITIES

CODE	DESCRIPTION	QUANTITY
TR1	TRAVNICHKI SQUARE	
TR13	HARD LANDSCAPE	
PA11	m. CURB-TRIM	215,70
P-130	m2 GREY GRANITE SETT TYPE P-130	314,24
PA03	m. GALVANIZED EDGING FOR PAVES AREAS	33,03
PA12	m2 PAVING BASE	314,24
TR14	SOFT LANDSCAPE	
PL01	ud FRAXCINUS EXCELSIOR WESTHOF'S GLORIE	12,00
PL02	ud BETULA ALBA	14,00
PL04	m2 LONICERA NITIDA	20,86
PL10	m2 WEED CONTROL BARRIER	20,86
PL11	m2 PINE BARCK MULCH	20,86
PL12	ud TREE ANCHORING	26,00
PL13	m2 MANUAL RACKING	20,86
PL14	m30P SOIL	93,51
PL15	m2 ROOT BARRIER	104,00
PL16	m2 TRADITIONAL LAWN	446,72
TR15	FURNITURE & EQUIPMENT	
EQ01	ud TREE GRATE	12,00
EQ02	ud TREE GRILL "CIRCULAR IRON RING"	14,00
EQ03	ud HARRIS ISOLA BENCHES METALCO (7 MODULES OF 1,5x1,5 m)	1,00
EQ05	ud CONCRETE BENCH	2,00
TR16	LIGHTING	
LI02	ud LUMINAIRE TYPE 2	4,00
LI03	ud LUMINAIRE TYPE 3	1,00
TR17	DRAINAGE	
DR02	m. GALVANIZED STEEL CHANNEL / TRENCH	142,46
DR03	m2 GENERAL DRAINAGE SYSTEM	853,24
TR18	IRRIGATION	
IR01	m2 GENERAL IRRIGATION	20,86
IR03	m. TREE IRRIGATION RING	123,65
TR19	OTHERS	
WS01	ud OUTDOOR WAYFINDING SIGNAGE	1,00