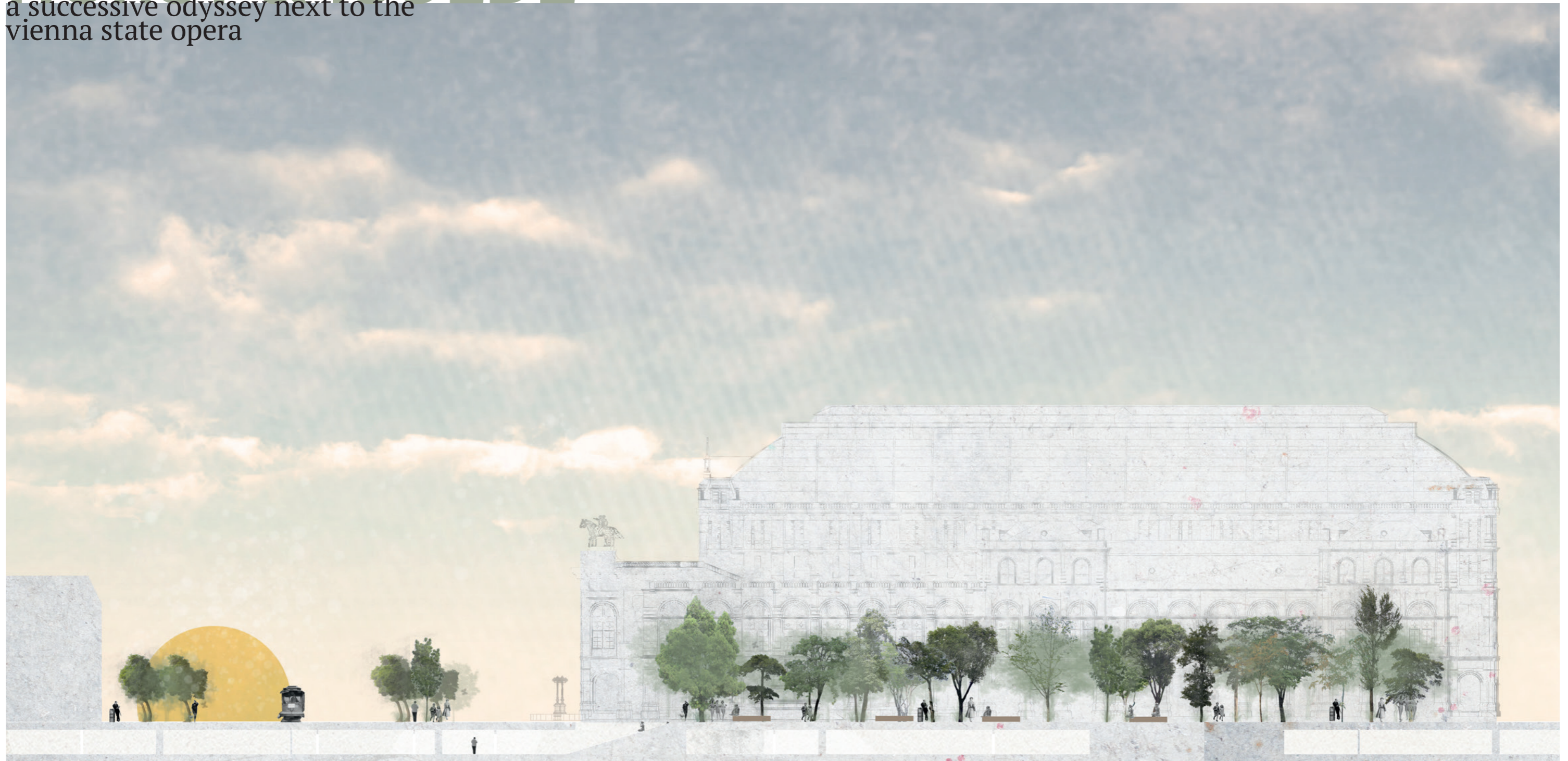




HORST & ISOLDE

a successive odyssey next to the vienna state opera



Country / City	Austria / Vienna
University / School	University of Natural Resources and Life Sciences, Vienna
Academic year	Winter Semester 2018-2019
Title of the project	Horst & Isolde - A successive Odyssey next to the Vienna State Opera
Authors	Julia Rohrmanstorfer

TECHNICAL DOSSIER

Title of the project Horst & Isolde - A successive Odyssey next to the Vienna State Opera.....
Authors Julia Rohrmanstorfer.....
Title of the course Design & Implementation Planning.....
Academic year Winter Semester 2018-19.....
Teaching Staff Lilli Licka, Robert Luger, Fabian Ilse (Tutor).....
Department/Section/Program of belonging Institute of Landscape Architecture..... Department of Space, Landscape and Infrastructure Science.....
University/School University of Natural Resources & Life Sciences, Vienna.....



Written statement, short description of the project in English, no more than 250 words

How about nature taking back the city? Starting at a vibrant spot at the innermost heart of Vienna. The place around the State Opera gets torridly hot in summer with people frantically walking back and forth never calming down. What could it look like, to create here a piece of nature in the middle of the city.

The idea for an ecologically inspired design is based on these questions. In order to simulate succession, the main focus lies on the planting scheme. The selection of trees is related to natural habitats. As in nature, they are arranged in small groups and represent stages of repopulation: pioneer-, transitional- and climax species. From an ecological point of view, they improve air quality and thermal microclimate and can provide a habitat for smaller animals in the city. From a design point of view, they also break up the urban structure, playfully add light and shadow and have a calming effect.

The redesign around the opera creates subspaces as areas for a stopover and some rest, but also allows for fast crossing along open passages. These areas are differentiated by varied surfaces (rough, decelerating self binding gravel and smooth concrete pavement). The respect for nature in all its pristineness conveys the overall design.

For further information
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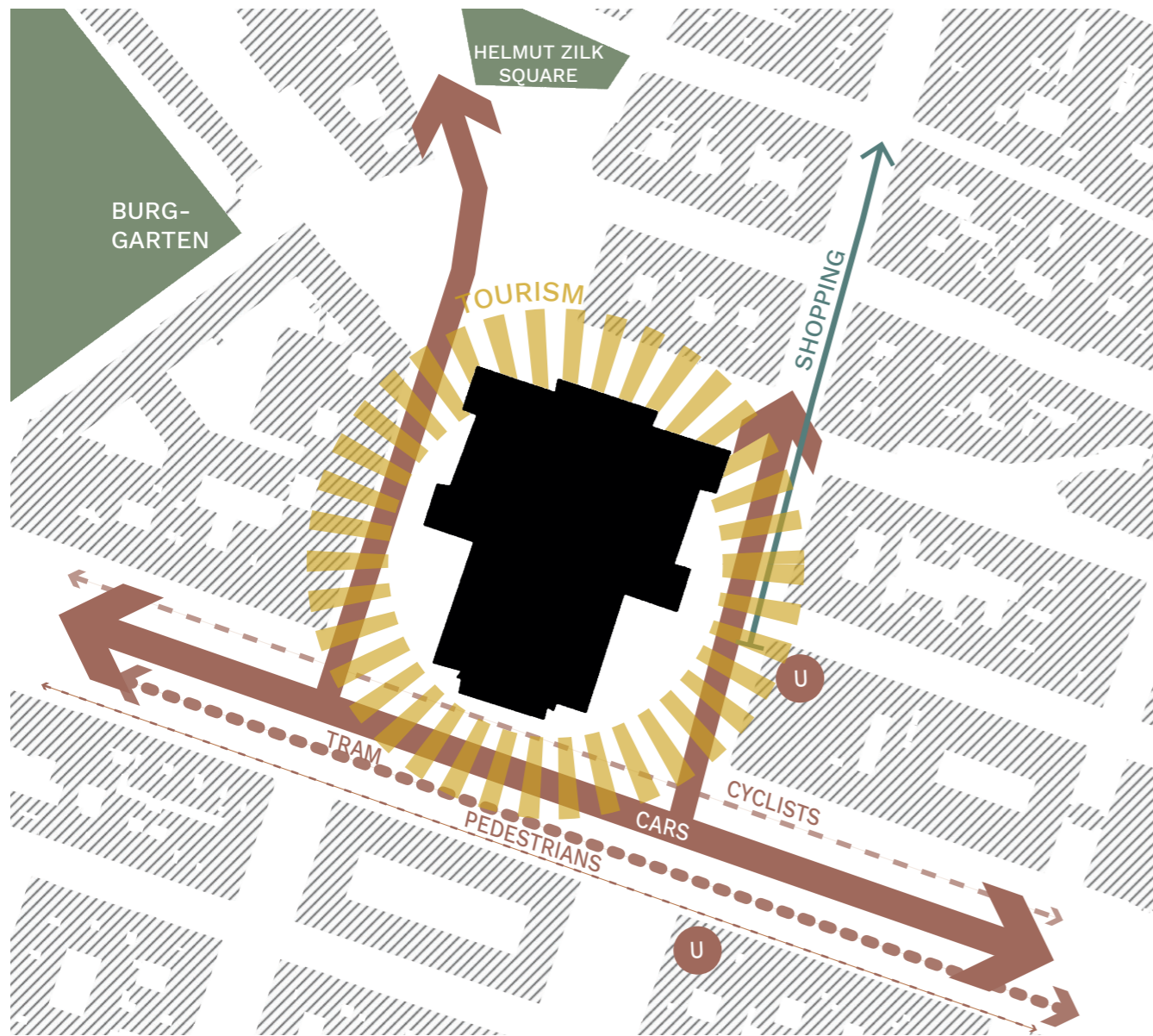
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ETSAB- Escola Tècnica Superior
d'Arquitectura de Barcelona
Avenida Diagonal, 649 piso 5
08028 Barcelona-Spain



CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE



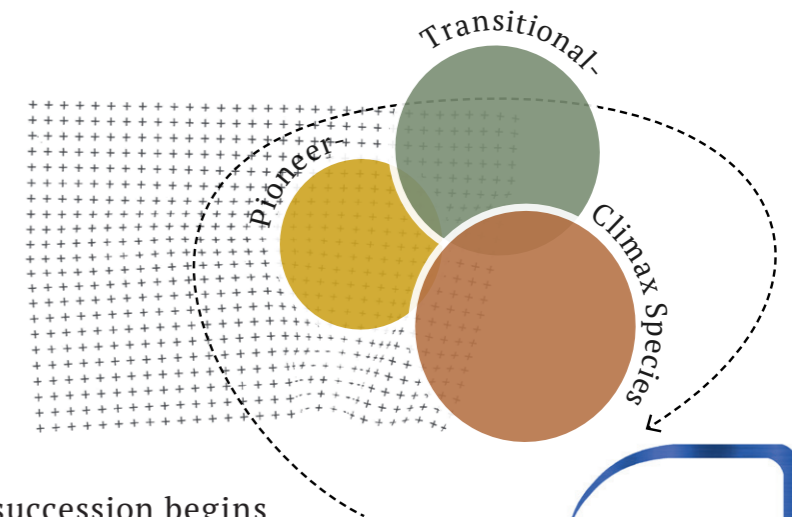
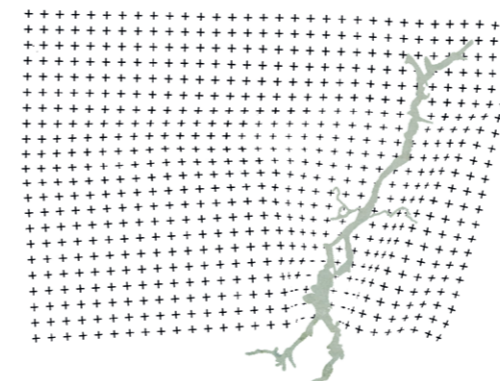
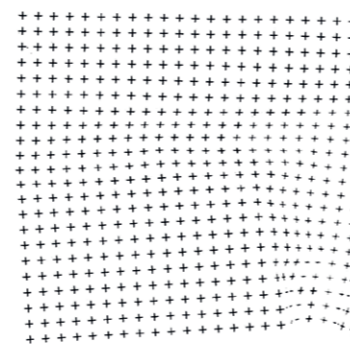
CURRENT SITUATION zoning & function



CURRENT SITUATION spaces around the opera; the surrounding areas are dominated by traffic and tourism

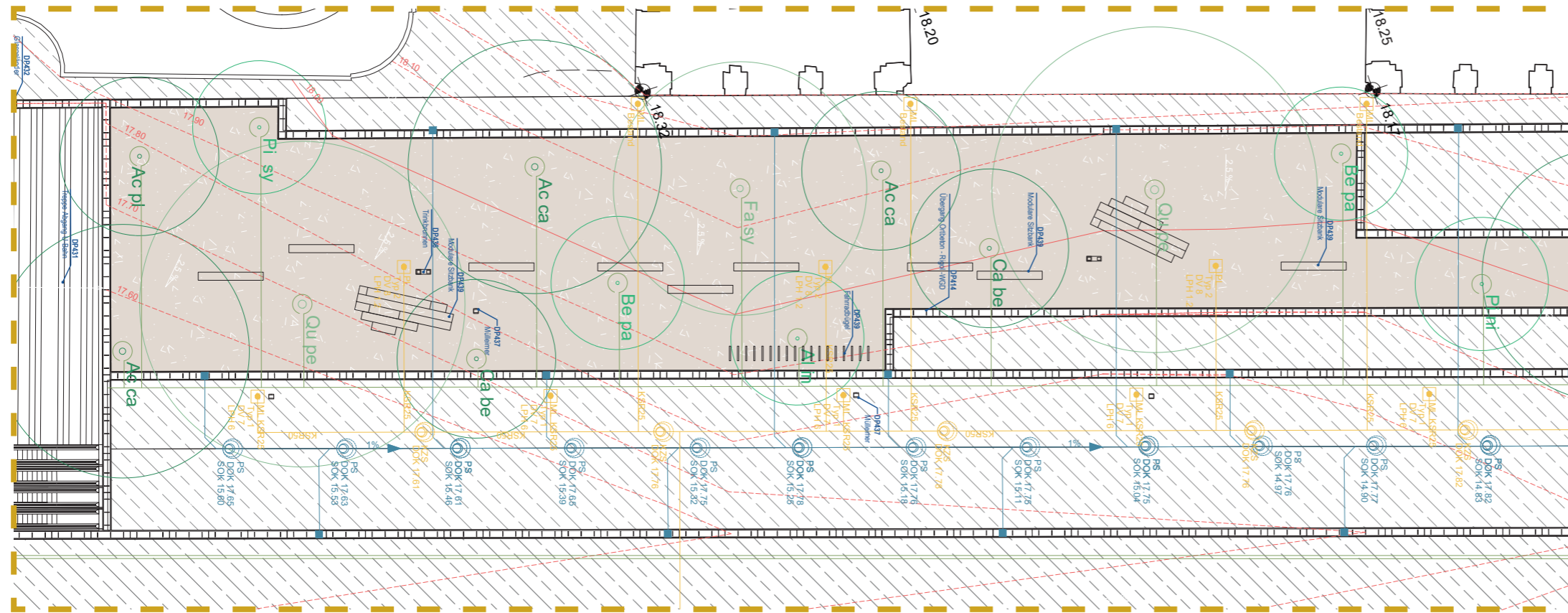


LOCATION 1st district of vienna, austria



CONCEPT inflexible urban structure is broken up by nature; the succession begins





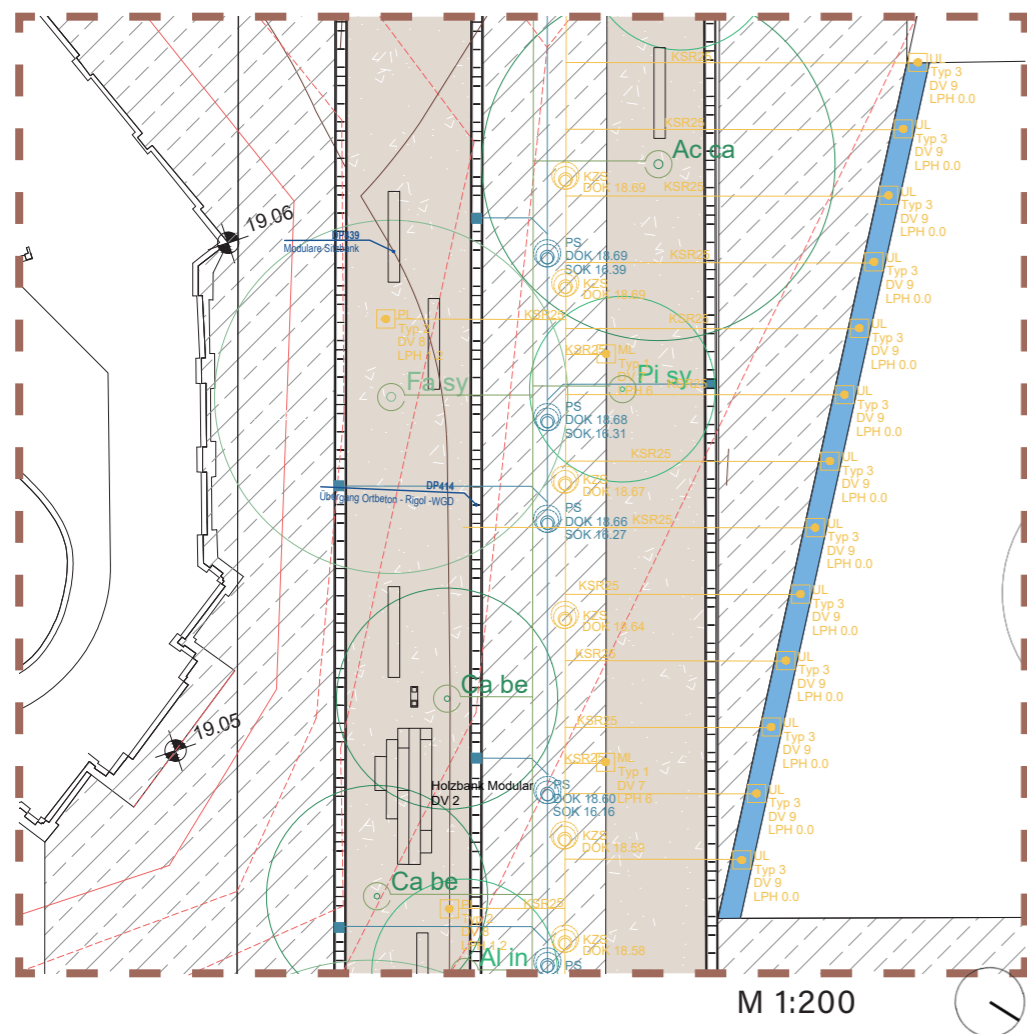
SELECTION OF TREES

- Pioneer-**
 - Al in Alnus incana
 - Be pa Betula papyrifera
 - Pi sy gl Pinus sylvestris ‚Glauca‘
 - Pi sy Pinus sylvestris
 - Pi ni Pinus nigra ‚Austriaca‘

- Transitional-**
 - Ca be Carpinus betulus ‚Fastigiata‘
 - Ac ca Acer campestre ‚Elsrijk‘
 - Ac pl Acer platanoides ‚Allerhausen‘

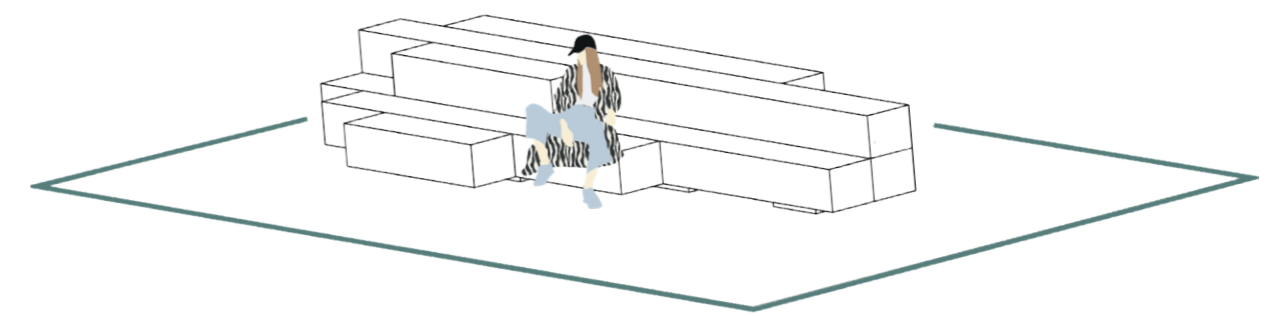
- Climax Species**
 - Fa sy Fagus sylvatica ‚Swat Magret‘
 - Qu pe Quercus petraea

M 1:200



MAP KEY

- Decelerating self binding gravel incl. „Stockholm System“
- Concrete Pavement with broom finish
- Infiltration ditch
- Wooden bench simple
- Wooden Bench modular design
- Water basin
- Bicycle racks
- Drinking Fountain
- Bin



WOODEN BENCH symbolize deadwood in the forest; for sitting playing, eating ...