



Country / City Austria | Vienna
University / School University of Natural Resources and Life Sciences, Vienna (BOKU)
Academic year Summer Semester 2020
Title of the project STROLLING MILE URFAHR
Authors Anna Richter | Sebastian Rath | Laura Horn

TECHNICAL DOSSIER

Title of the project	STROLLING MILE URFAHR
Authors	Anna Richter Sebastian Rath Laura Horn
Title of the course	Landscape Design Project Paving Design Award
Academic year	Summer Semester 2020
Teaching Staff	Julia Backhausen-Nikolic Roland Tusch Fabian Ilse Anna Maria Drexel Joachim Kräftner Ines Wiesmüller Michael Meschick
Department/Section/Program of belonging	Institute of Landscape Architecture Institute of Soil Bioengineering & Landscape Construction Institute for Transport Studies Master Programme Landscape Architecture & Landscape Planning
University/School	University of Natural Resources and Life Sciences, Vienna (BOKU)



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

Especially in cities the effects of climate change are even more noticeable due to the high amount of sealed surfaces, rising traffic density and the lack of green areas. These influence not only infrastructure and the environment but also the quality of life in the cities.

“STROLLING MILE URFAHR” is a project to redesign a part of the road “Hauptstraße” in Linz (Austria) into a shared space to keep the street liveable and lively with an ecological background. The four main goals of this project are **1.** creating identity for the city district Urfahr by using a recognisable colour and a clear design language, **2.** decelerating the stressful daily life and redirecting the individual motorised traffic to wider roads, **3.** creating a connection between people by implementing public spaces with seating possibilities, connecting and extending pedestrian and cycle routes and connecting the city with the surrounding nature, **4.** establishing the concept of a “green city” by using local materials, improving the green infrastructure of the city and implementing a sustainable water management.

The rainwater management used in this project is called “sponge city”. Instead of leading the rainwater in the sewage system, it flows in one of fourteen raingardens, where it is filtered and partly seeping into the ground. Redundant water is reused to irrigate the trees. The vegetation is cooling down the surrounding area by evaporation. Therefore, heat waves can be moderated and floods can be prevented by relieving the sewage system.

For further information
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CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE

IDEA | VISION



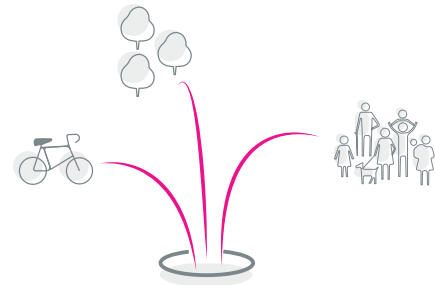
IDENTITY

THROUGH RECOGNISABLE COLOUR ACCENTS AND CLEAR DESIGN LANGUAGE



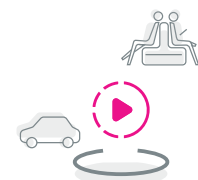
GREEN CITY

SUSTAINABLE WATERMANAGEMENT, GREEN INFRASTRUCTURE, LOCAL MATERIALS



CONNECTION

BETWEEN PEOPLE, THE PEDESTRIAN/CYCLE ROUTES AND NATURE WITH THE CITY

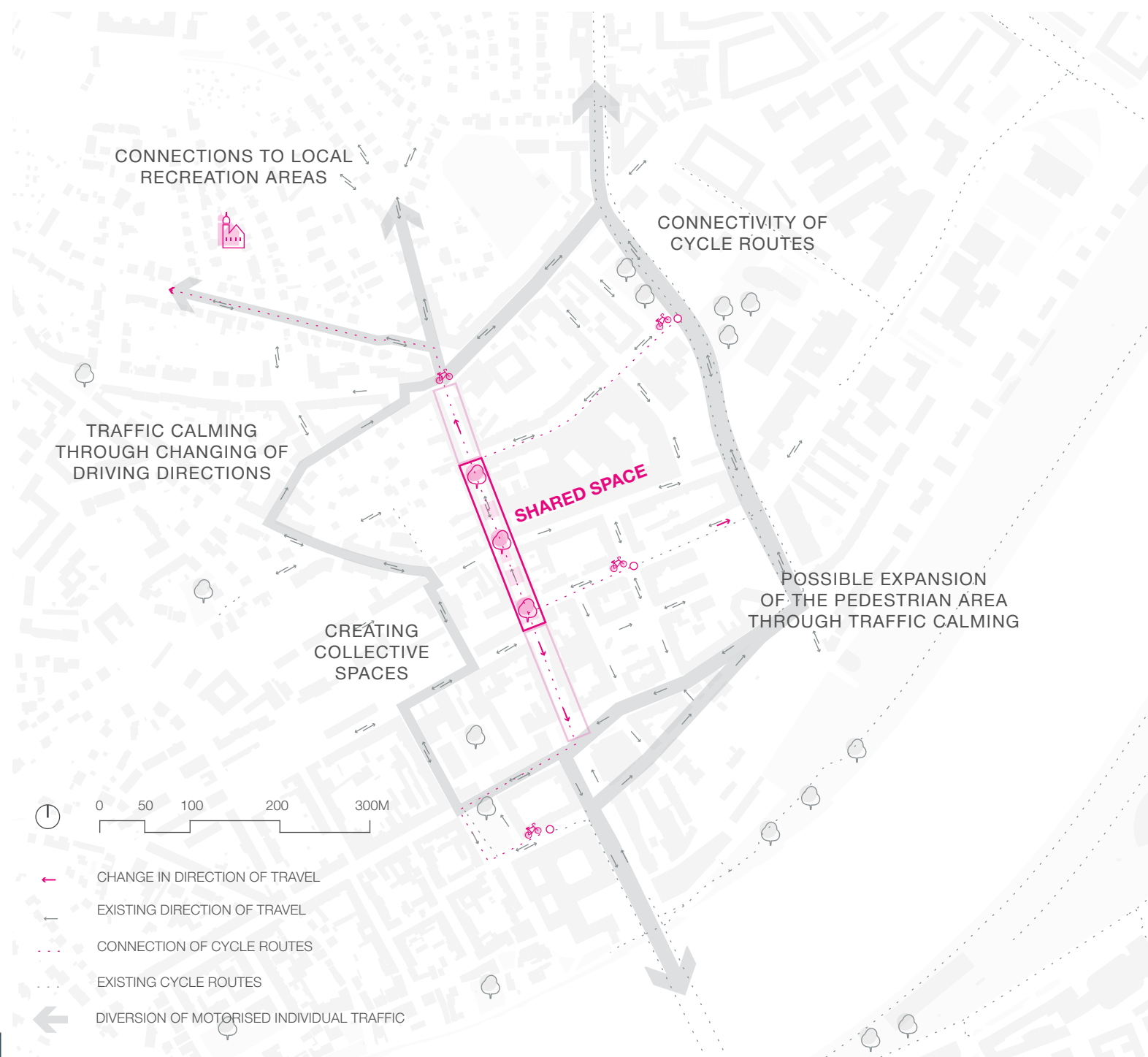


DECELERATION

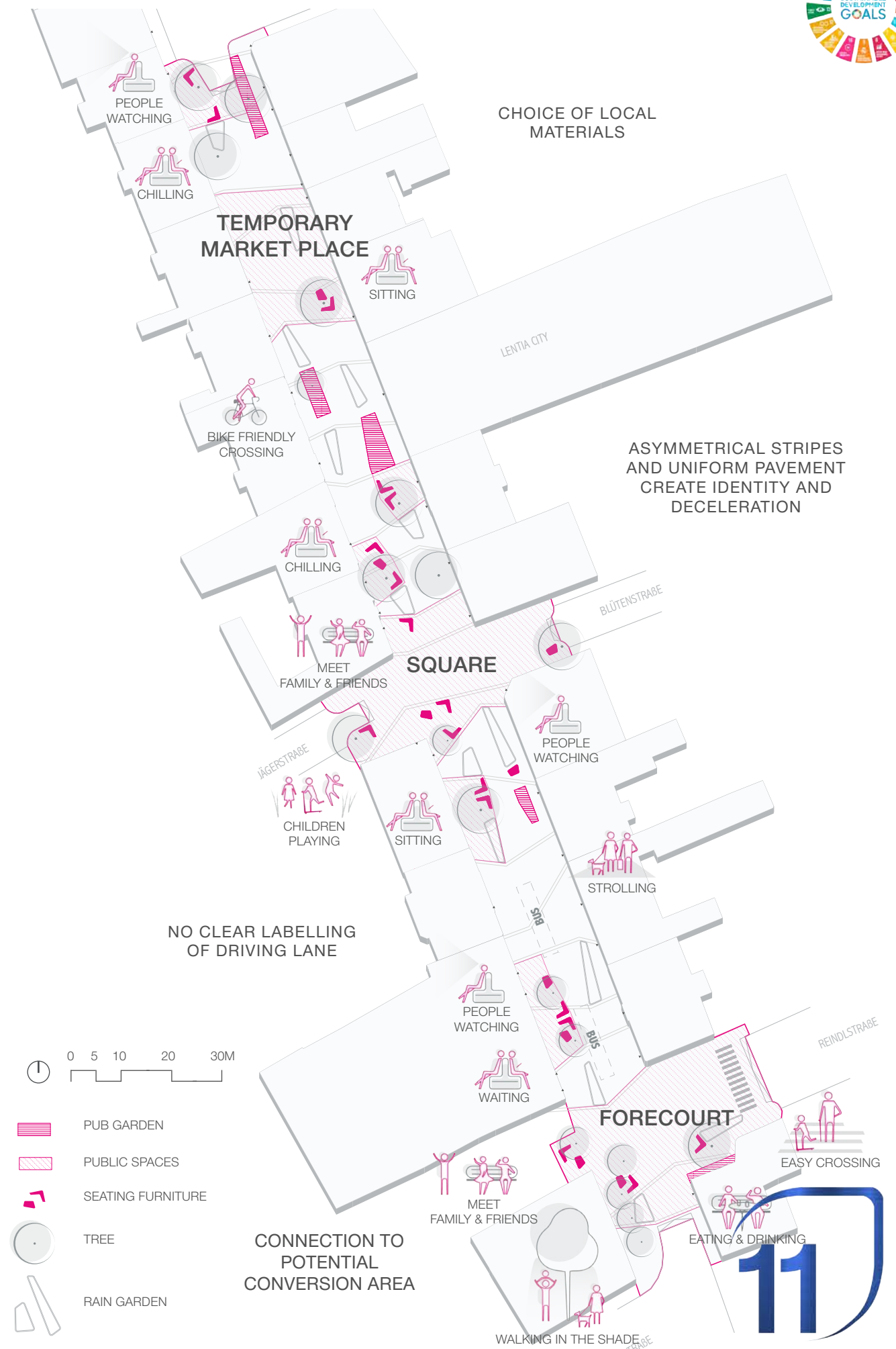
OF EVERYDAY LIFE AND OF MOTORISED INDIVIDUAL TRAFFIC



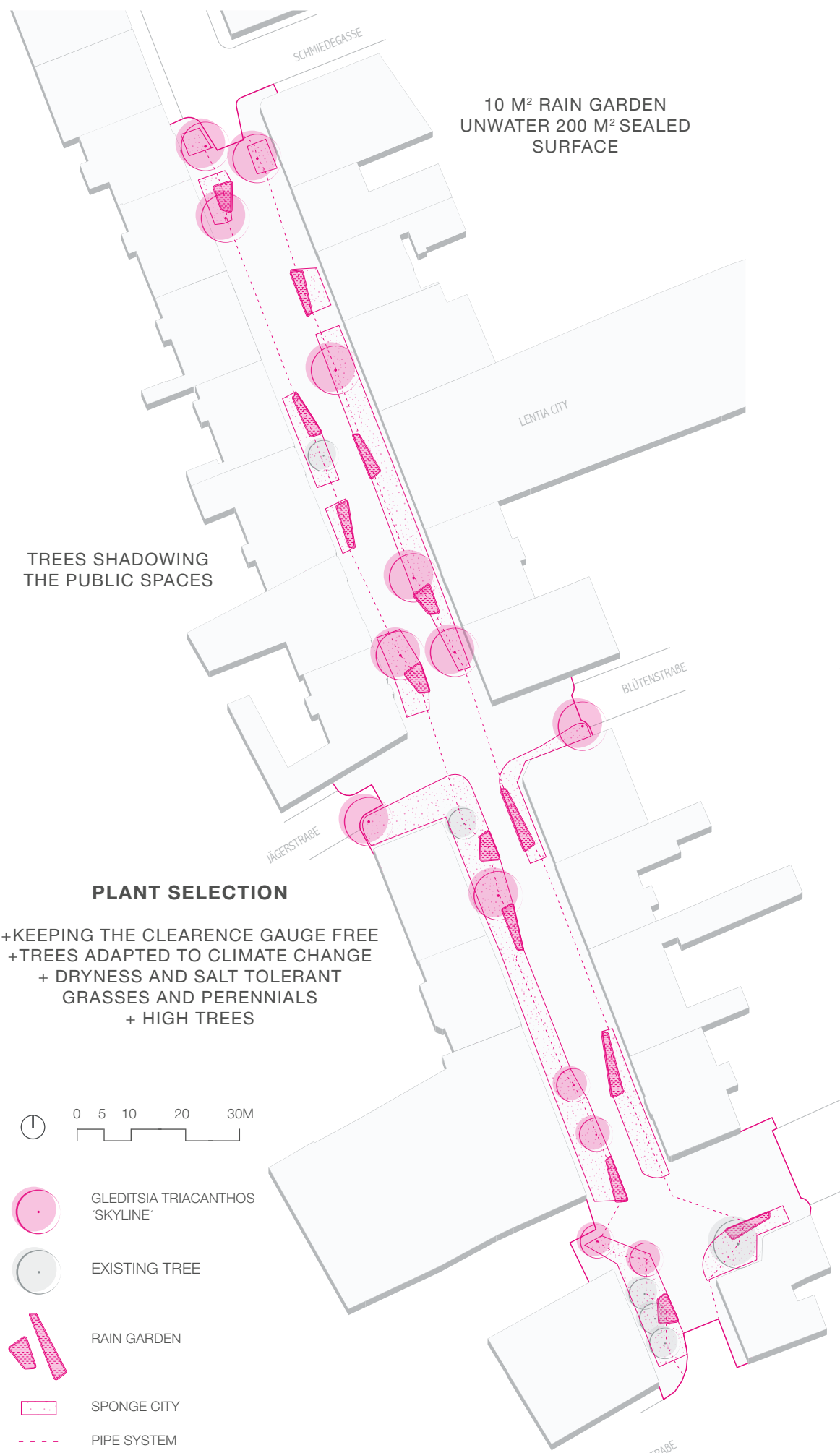
TRAFFIC CONCEPT



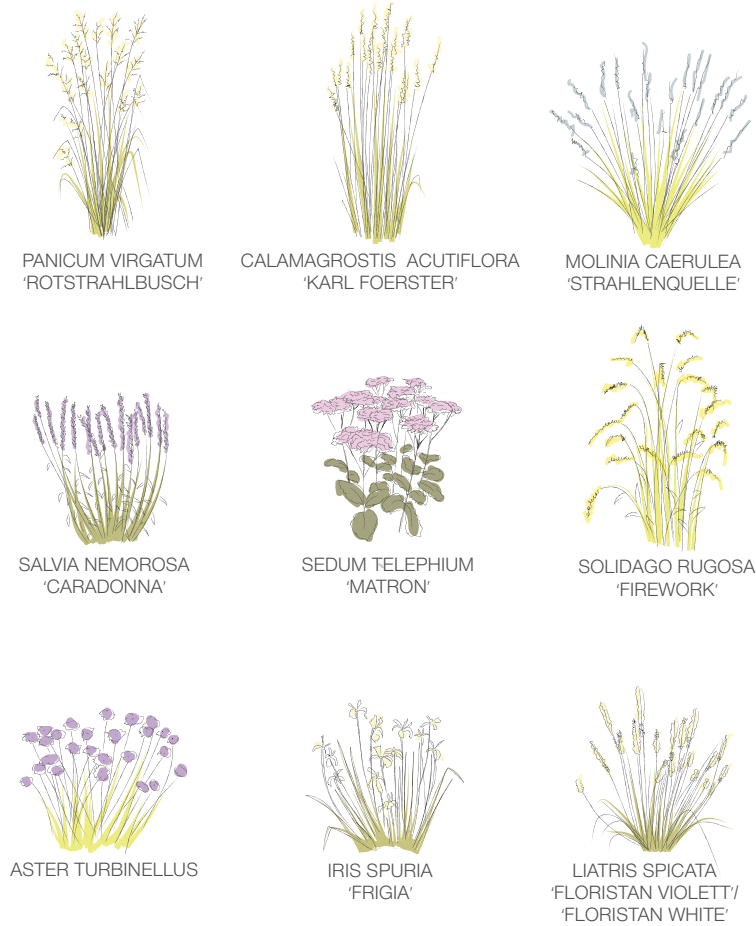
DESIGN CONCEPT



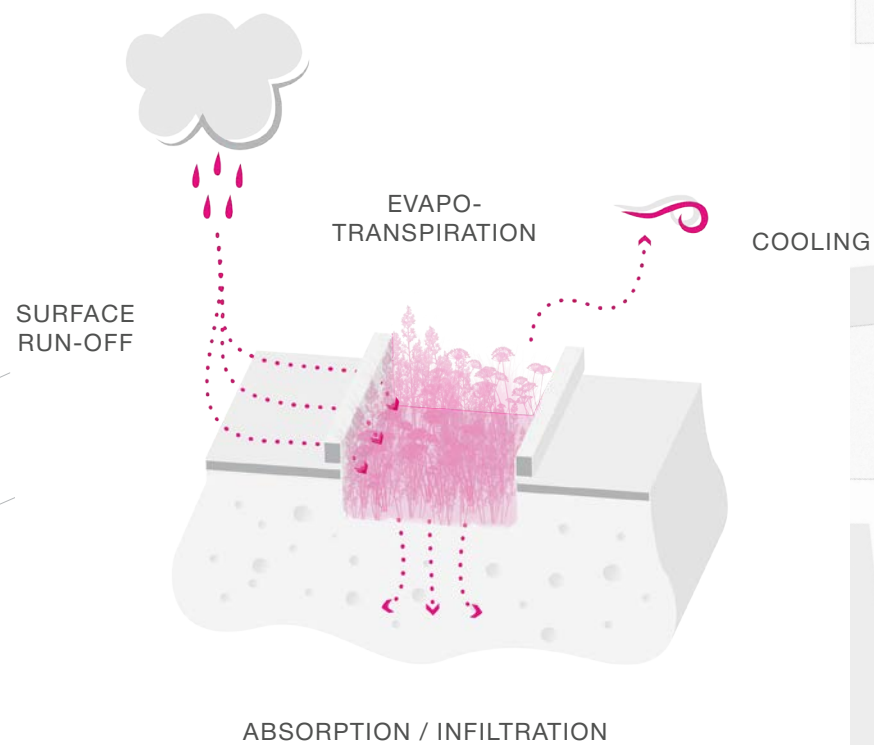
PLANTING CONCEPT



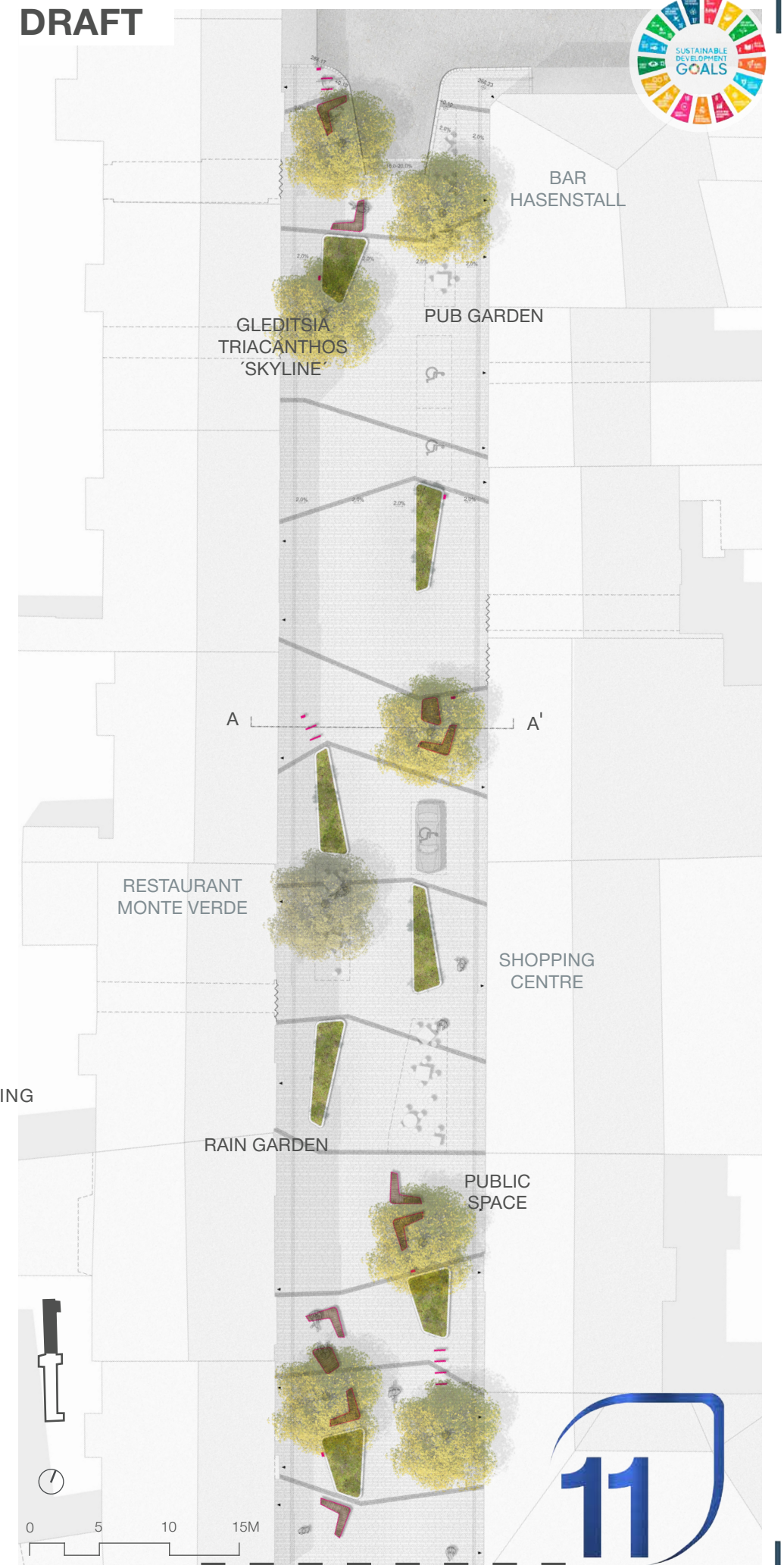
PLANT SELECTION



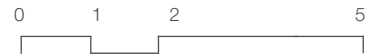
RAINWATER MANAGEMENT - SPONGE CITY



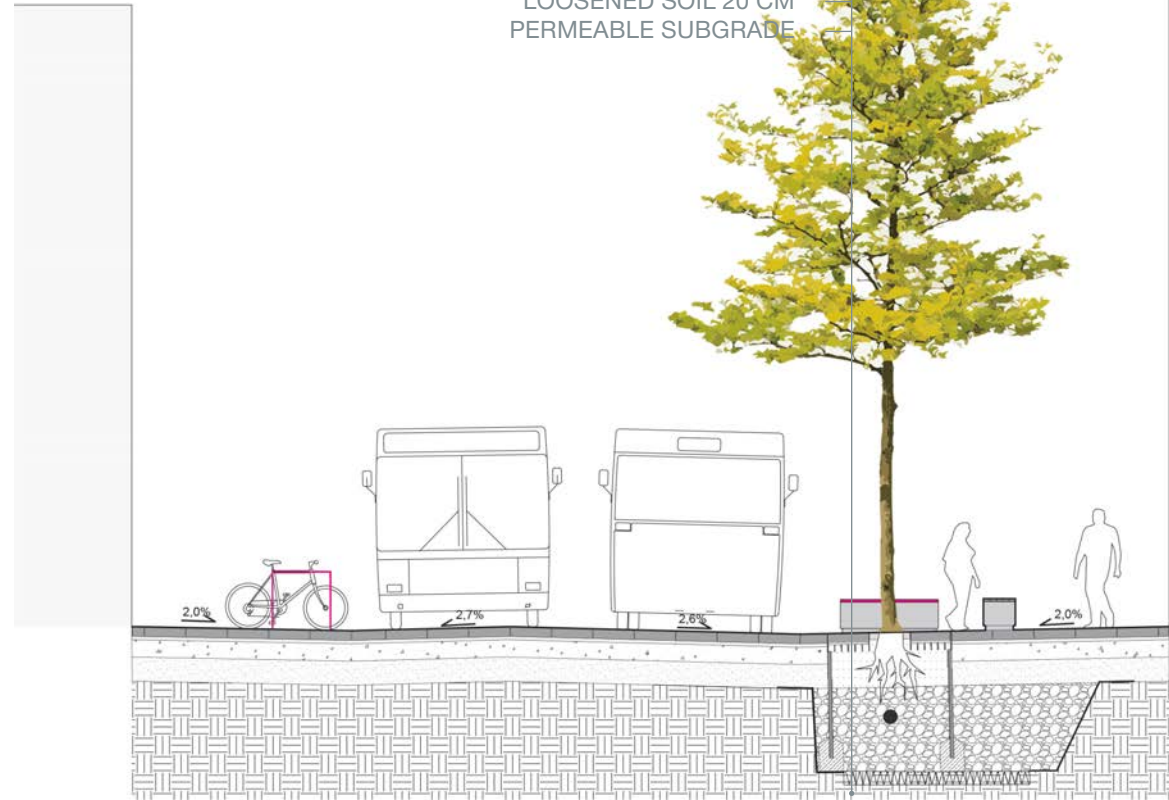
DRAFT



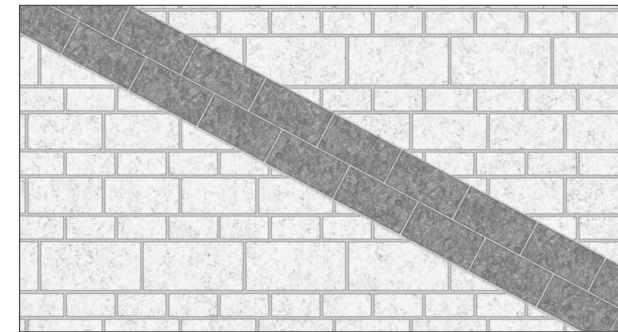
SECTION A -A'



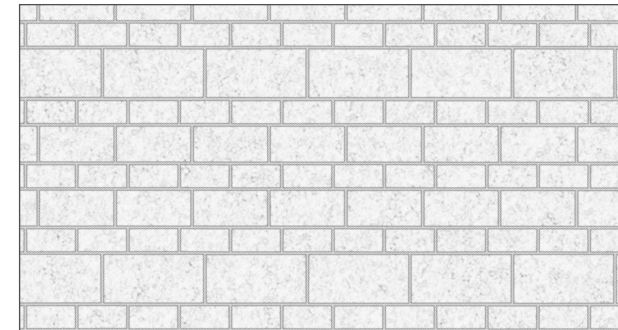
ROOT-PROTECTION-SYSTEM
 SPECIAL TREE SUBSTRAT 70 CM
 LARGE COARSE CRUSHED ROCKS 120 CM
 WITH PERFORATED PIPE
 LOOSENED SOIL 20 CM
 PERMEABLE SUBGRADE



PAVING DESIGN



GEBHARTSER SYENIT - SANDBLASTED
 29 X 14 X 14 CM

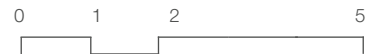


HERSCHENBERGER GRANIT - SANDBLASTED
 39 X 19 X 14 | 29 X 14 X 14 | 19 X 9 X 14 CM

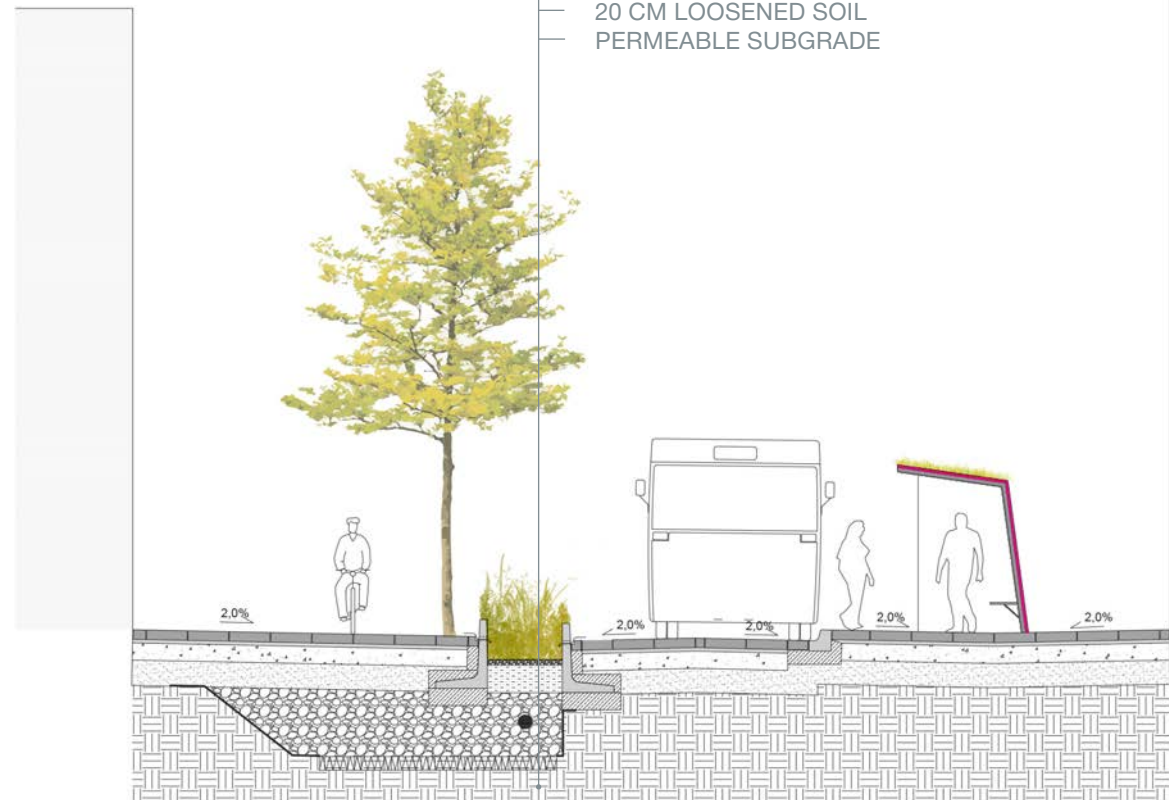
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SECTION B -B'



8 CM GRAVEL SUBSTRATE
 40 CM NATURAL SOIL FILTER
 72 CM LARGE COARSE CRUSHED ROCKS
 WITH PERFORATED PIPE
 20 CM LOOSENED SOIL
 PERMEABLE SUBGRADE



MODELL PHOTOS

