



PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

08028 Barcelona-Spain

TECHNICAL DOSSIER

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| Title of the project | TRENTO CITY WALKWAY |
| Authors | ALBERTO SALVATERRA, LORENZO SCACCHETTI, FILIPPO LEONARDI |
| Title of the course | URBAN PLANNING |
| Academic year | 2017 2018 |
| Teaching Staff | PROFESSORS ARCH. G.P. SCAGLIONE, ARCH. P. PICCHI. |
| Department/Section/Program of belonging | DICAM ,ARCHITECTURAL ENGINEERING |
| University/School | UNIVERSITY OF TRENTO |

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

"META TRENTO" DESIGN STUDIO IS BASED ON A DESIGN APPROACH IN PLANNING WITH THE ENHANCE CONNECTIVITY BETWEEN THE UNIVERSITY AND THE EVERY DAY LIFE. VIA CALEPINA AND VIA VERDI REPRESENT THE MAIN STREETS WHERE THE MASTERPLAN IS DEVELOPED. THE TWO PUBLIC GARDENS, VENEZIA AND GARZETTI, GIVE ACCESS TO THE OLD CITY AND ACT AS GREEN LUNGS OF THE CENTRE. A DEBATE AMONG KNOWLEDGE, NATURE AND CITY. THE AIM OF TRENTO CITY WALKWAY IS TO RECONNECT THESE TWO URBAN GARDENS THROUGH A PLANTED HIGHWAY. KEYWORD AS URBAN CONNECTIVITY, LANDSCAPE PERCEPTION AND SENSES STIMULATION ARE THE BASEMENT OF THE LINE OF REASONING. TRENTO CITY WALKWAY IS MEANT TO BE AS A NEW VECTOR OF GREENING TO CONNECT PERCEPTIVELY THE TWO URBAN GARDENS. IT WOULD BE A NEW FLYING ECOLOGIC PASSAGEWAY INSPIRED BY THE XXI CENTURY AERIAL WALKWAYS IN VICTORIAN GREENHOUSES. FOR THIS REASON SEVERAL SPECIES OF FLOWERING SHRUBS ARE PLANTED TO RECALL THE XXI CENTURY ATMOSPHERE, YET THE WALKWAY ALSO HOSTS LOCAL SHRUBS AND PERENNIALS TO COMBINE AS AN EXPERIMENT BOTH GARDEN TRADITION AND CONTEMPORARY NATURALISTIC PLANTINGS.

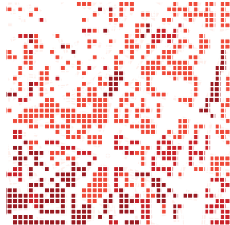
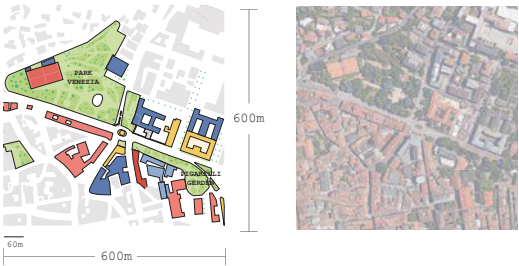
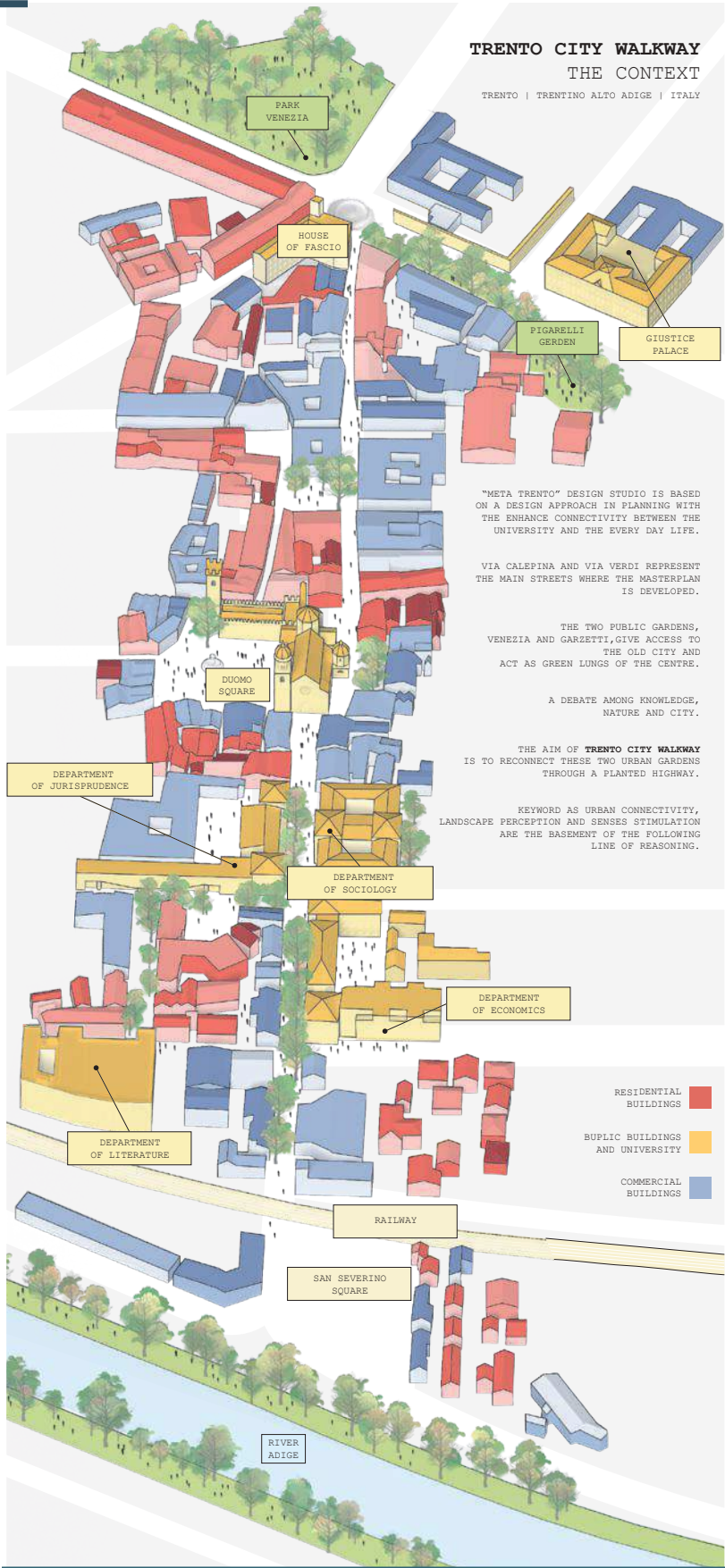
For further information

Máster d'Arquitectura del Paisatge -DUOT - UPC

T: + 34 93 401 64 11 / +34 93 552 0842

Contact via email at: biennial.paisatge@upc.edu

Consult the web page <http://landscape.coac.net/>



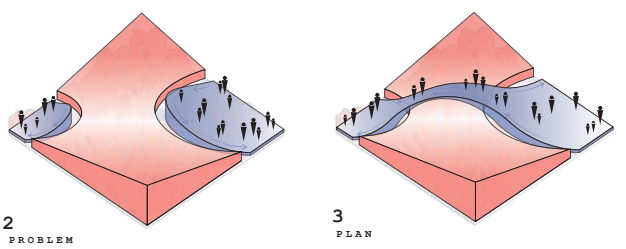
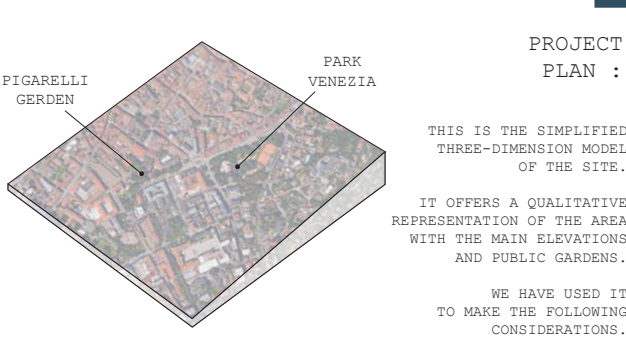
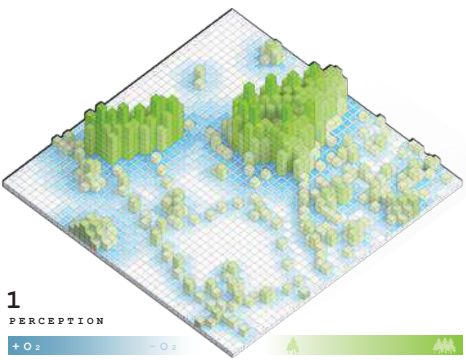
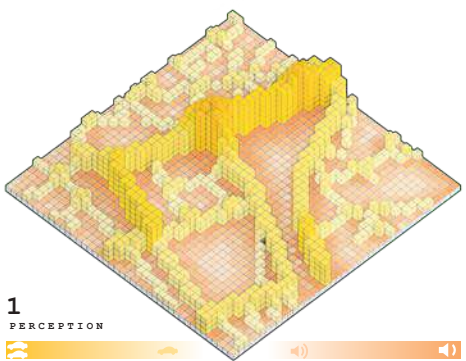
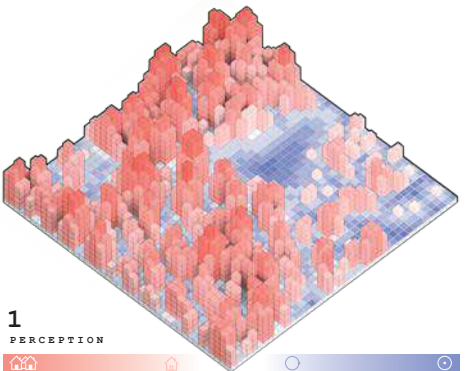
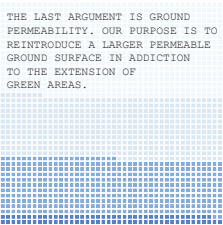
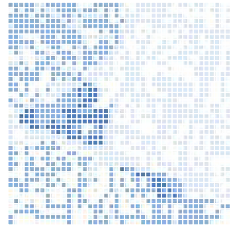
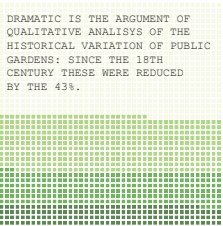
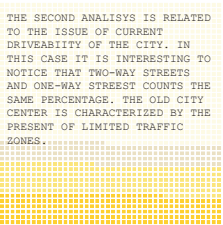
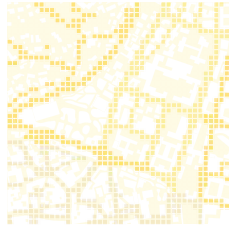
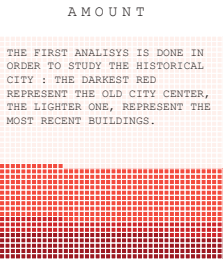
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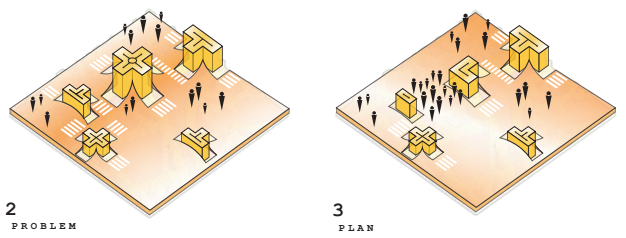
ANALISYS

DIFFERENT TOPICS ARE TAKEN UNDER CONSIDERATION ON AN AREA THAT IS SIX HUNDRED METERS LARGE AND SIX HUNDRED METERS LONG.

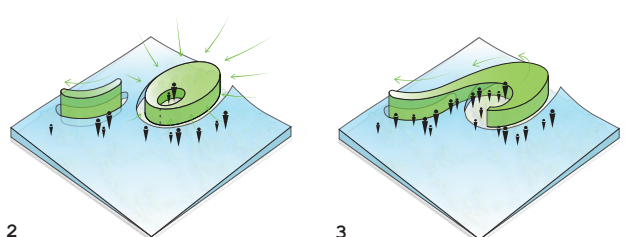
THAN THE SITE ISPIXLIZED FOR A BETTER COMPARISON:



AT FIRST THE PERCEPTION OF BUILDING' DENSITY IS STUDIED IN TERMS OF THE DENSITY AND THE LOCALISATION OF EMPTY SPACES. IN THE THREE-DIMENSION IMAGE THE PERCEPTION OF BUILDING IS IN RED WHILE EMPTY SPACES ARE REPRESENTED IN LIGHT BLUE. AS IT IS RESUMED IN THE SECOND POINT WE CAN SEE THAT THE BUIDINGS RESULT AS A DIVIDING WALL BETWEEN THE TWO BLUE AREAS. OUR AIM IS TO RECONNECT THESE TWO PARTS.



A SIMILAR CRITERIOR IS APPLIED FOR THE PERCEPTION OF CITY TRAFFIC AND NOISE DIFFUSION: THE SITE IS FULL OF PEDESTRIAN CROSSINGS WHICH SORROUND A VERY DANGEROUS JUNCTION AND A TRAFFIC CIRCLE. IN THIS WAY PEOPLE ARE DIVIDED BETWEEN STREETS AND CROSSINGS: OUR PLAN IS TO MAKE THIS TRAFFIC CONDITION MORE COMFORTABLE AND SAFE.



THE LAST BU NOT LEAST ARGUMENT IS THE PERCEPTION OF PLANTS' DENSITY AND AIR QUALITY: THE SITE IS CHARACTERIZED BY THE PRESENCE OF TWO DIFFERENT KIND OF PUBLIC GARDENS; FIGARELLI GARDEN IS DESIGN AS A LINEAR GERDEN; PARK VENEZIA HAS A CENTRAL STRUCTURE CIRCULAR STRUCTURE WHERE TREES AND SHRUBS SORROUND AND OVERSHADOW THE USERS, AUGMENTING THE PERCEPTION OF UNSAFETY OUR AIM IS TO RE-THINK THEIR THE PLANTING DESIGN AND MANAGEMENT IN ORDER TO ENHANCE THE SAFETY PERCEPTION OF USERS.

Country / City ITALY / TRENTO

University / School UNIVERSITY OF TRENTO - ARCHITECTURAL ENGINEERING

Academic year 2017 - 2018

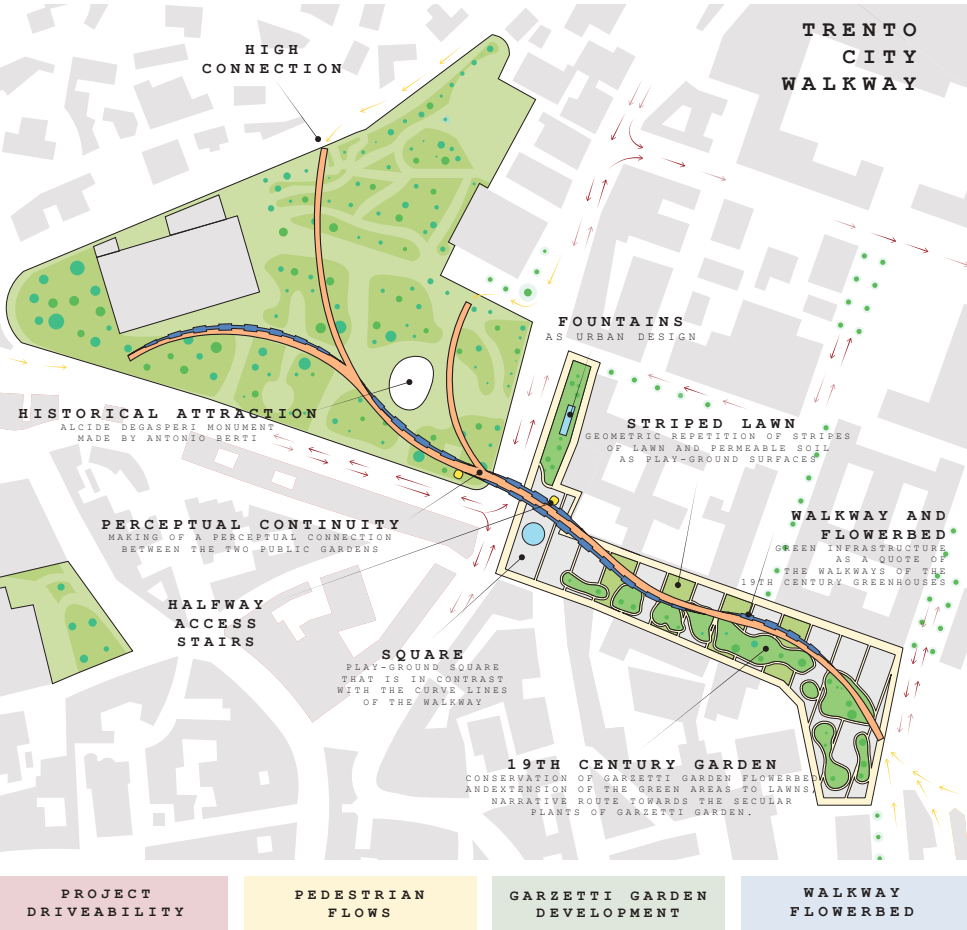
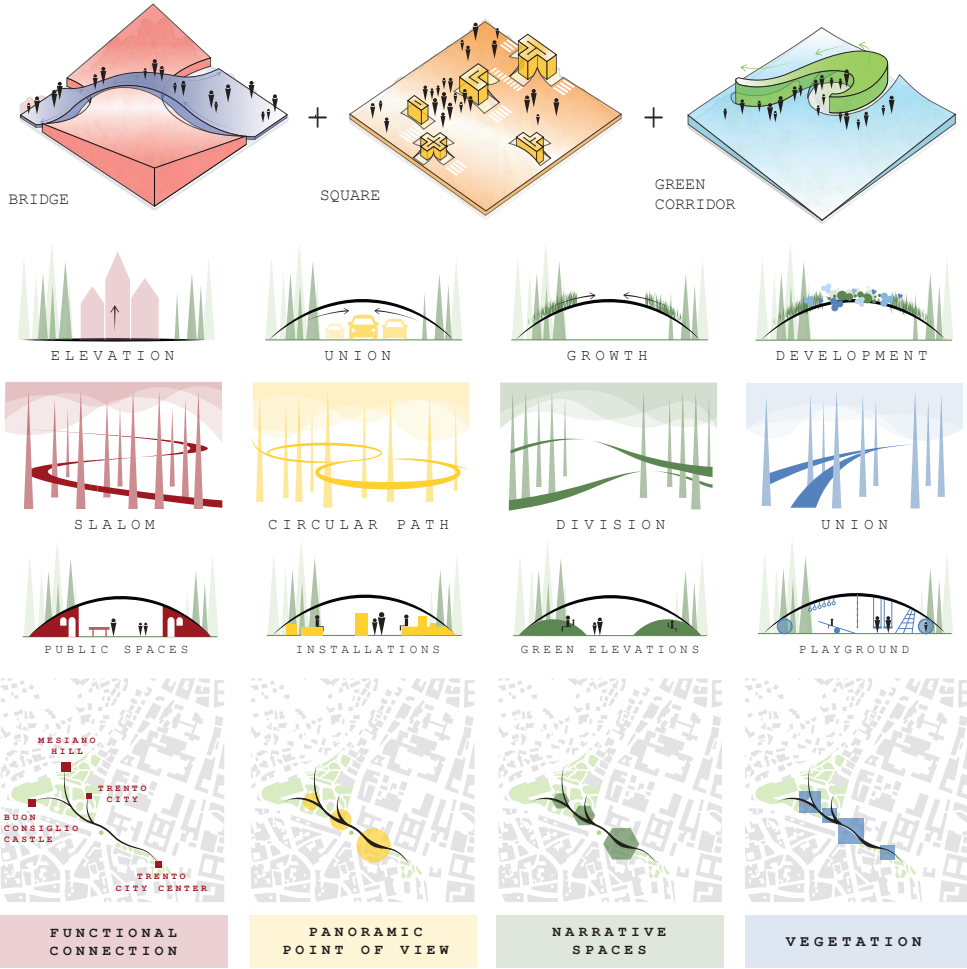
Title of the project TRENTO CITY WALKWAY

Authors ALBERTO SALVATERRA - LORENZO SCACCHETTI - LEONARDI FILIPPO



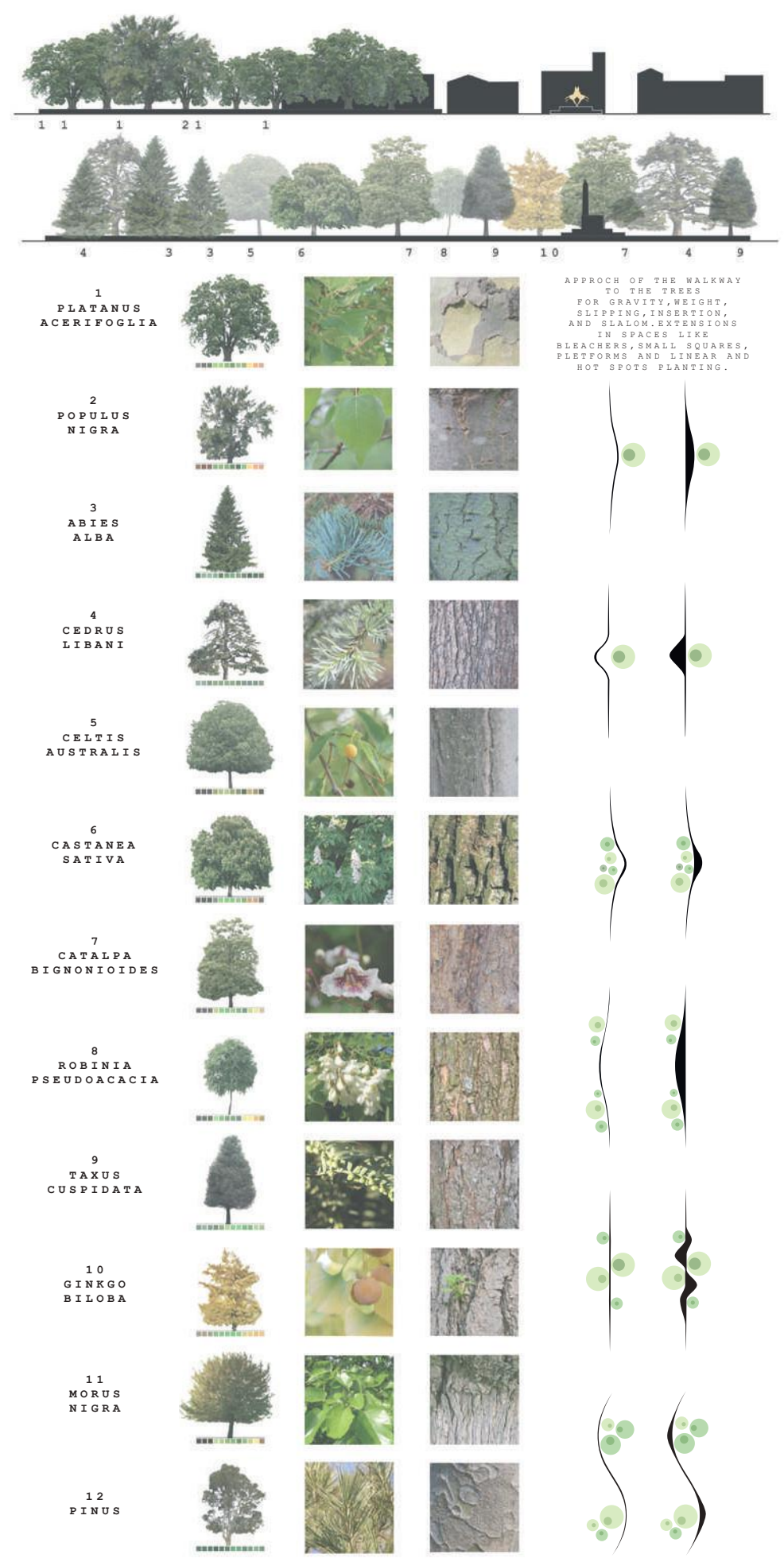
CONCEPT : GREEN INFRASTRUCTURE

OUR PROJECT PLAN IS SUM UP AS AN ADDITION OF THREE MAIN KEY WORDS: BRIDGE, SQUARE AND GREEN CORRIDOR. UOR OBJECTIVE IS TO DESIGN A BRIDGE THAT CONNECTS THE TWO PUBLIC GARDENS AND CREATES THE OCCASION FOR A NEW PERMEABLE PUBLIC SPACE AS A PLAY-GROUND UNDER ITSELF . TRENTO CITY WALKWAY MEANS TO BE A GREEN INFRASTRUCTURE FOR THE CITY OF TRENTO.



PUBLIC GARDENS PLANTS

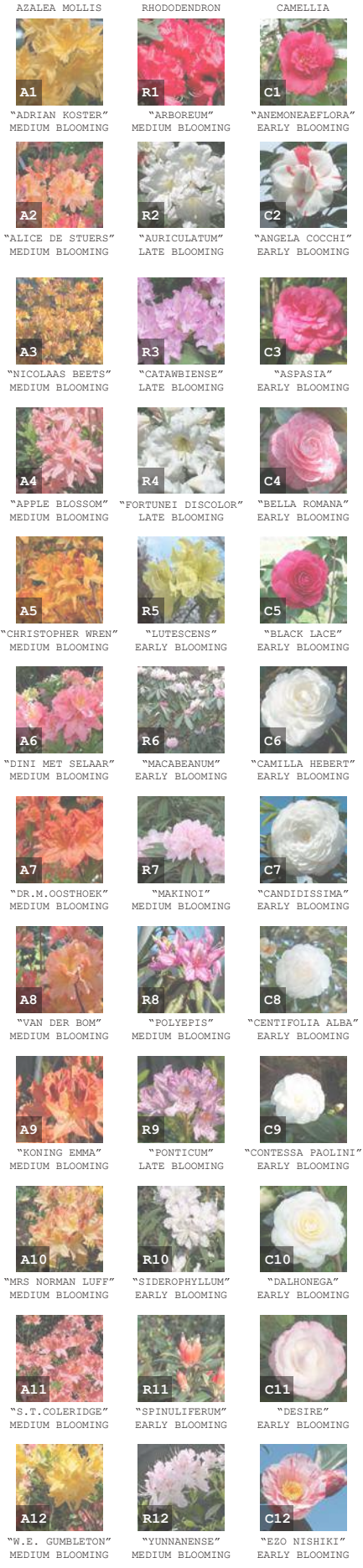
CLASSIFICATION OF THE HISTORICAL AND CONTEMPORARY TREES : THE SECULAR TREES OF GARZETTI GARDEN AND THE MAIN TREES OF PARK VENEZIA. AT PRESENT THE GARDENS ARE DESIGN AS A LINEAR GARDEN (GERZETTI) AND A LATE XXI CENTURY ROMANTIC INTROSPECTIVE PUBLIC GARDEN.



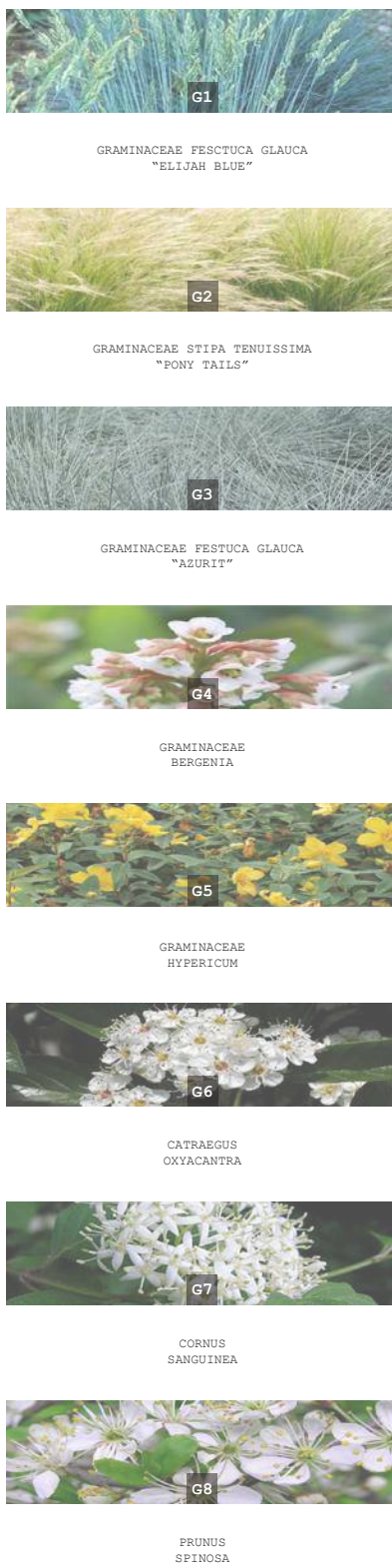
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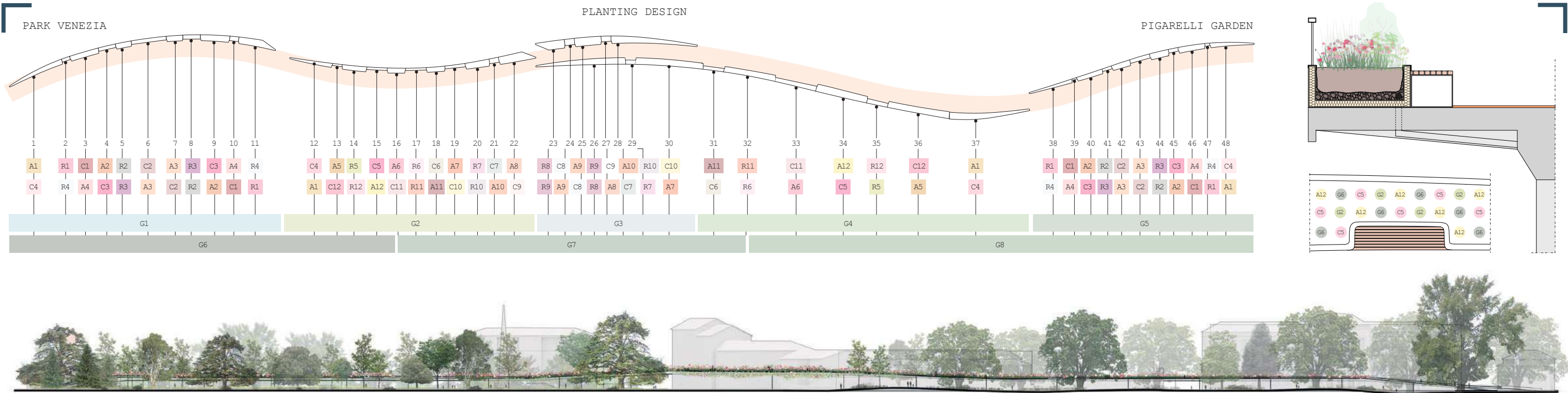
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AESTHETIC AND COLOURFUL SPECIES



SPONTANEOUS AND DIFFUSED SPECIES

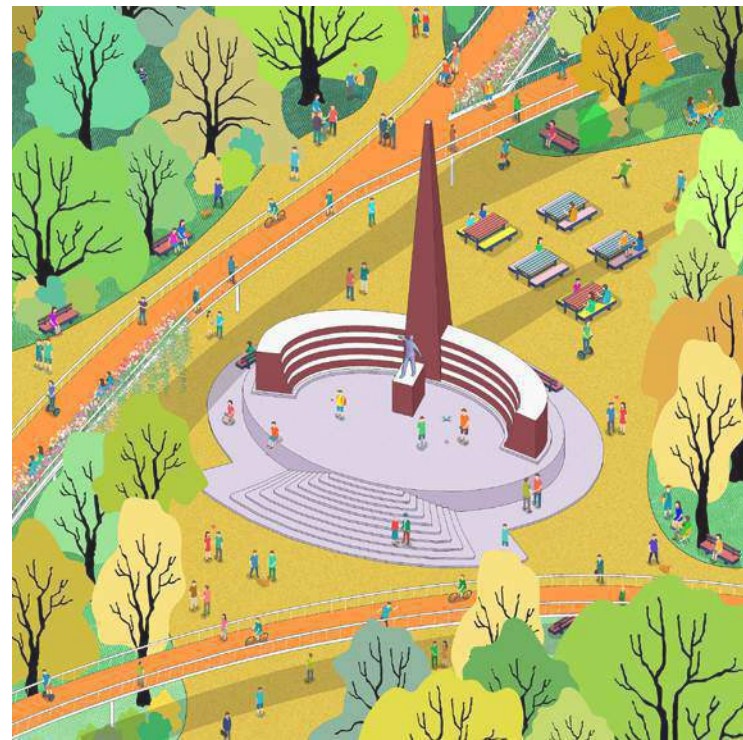




PARK VENEZIA

FIGARELLI GARDEN

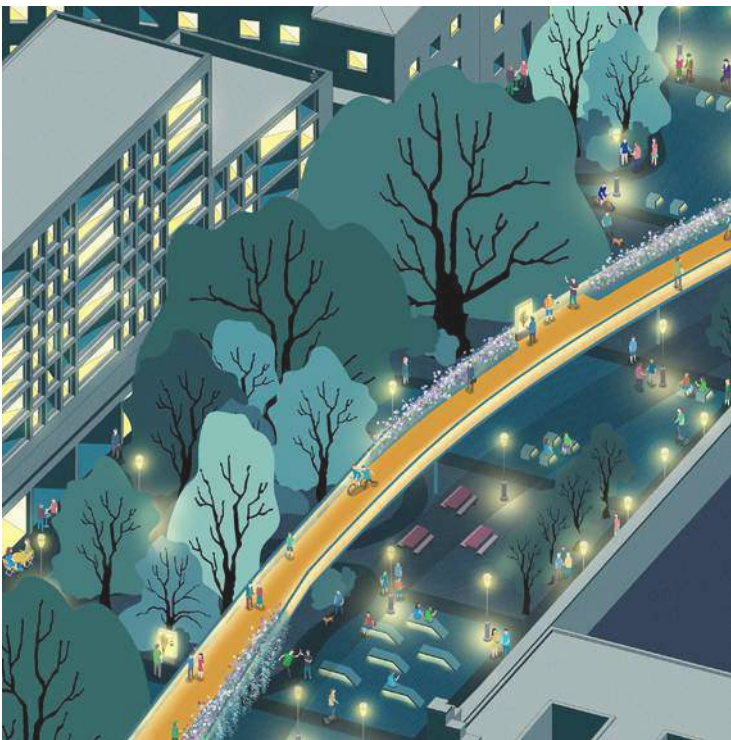
TRENTO CITY WALKWAY



THE SECOND DAILY MOMENT SHOWS THE PARK VENEZIA. POINT OF VIEW ON THE MONUMENT DEDICATED TO ALCEIDE DE GASPERI: VISITORS ARE AT THE SAME LEVEL OF THE SCULPTURE. NEW PERSPECTIVE AND PANORAMIC STOPS ARE OFFERED BY THE WALKWAY.



THE FIRST ILLUSTRATED DAILY MOMENT SHOWS THE OVERVIEW ON THE HOUSE OF FASCIO OF TRENTO. POINT OF VIEW ON HORSES' FOUNTAIN: PEDESTRIAN CROSSINGS ARE SOLVED BY USING THE CITY WALKWAY AND PANORAMIC POINTS OF VIEW ARE LOCATED BY THE NEW PLAY-GROUND SQUARE.



THE NOCTURNAL VIEW ON RESIDENTIAL BUILDINGS SHOWS HOW THE WALKWAY ENTERTAINS THE USERS WITH INFO POINTS AND LIGHTS. YET A SMART CITY APPROACH IS DEVELOPED THROUGH THE INSTALLATION OF STREETS LIGHTS, SEATS AND INTELLIGENT SCREENS



THE THIRD DAILY MOMENT SHOWS THE OVERVIEW ON THE XXI CENTURY LAWCOURT BUILDING CLOSED TO FIGARELLI GARDEN. THE NEW STRIPED SQUARE IS A MULTI-FUNCTIONAL PUBLIC SPACE FOR EVENTS OR OUTDOOR SPORTS. THE GIANT SECULAR TREES OF FIGARELLI GARDEN, PLATANUS X OCCIDENTALIS AND POPULUS NIGRA CAN BE CONSIDER AS THE MAIN CHARACTERS OF THIS SCENERY.

