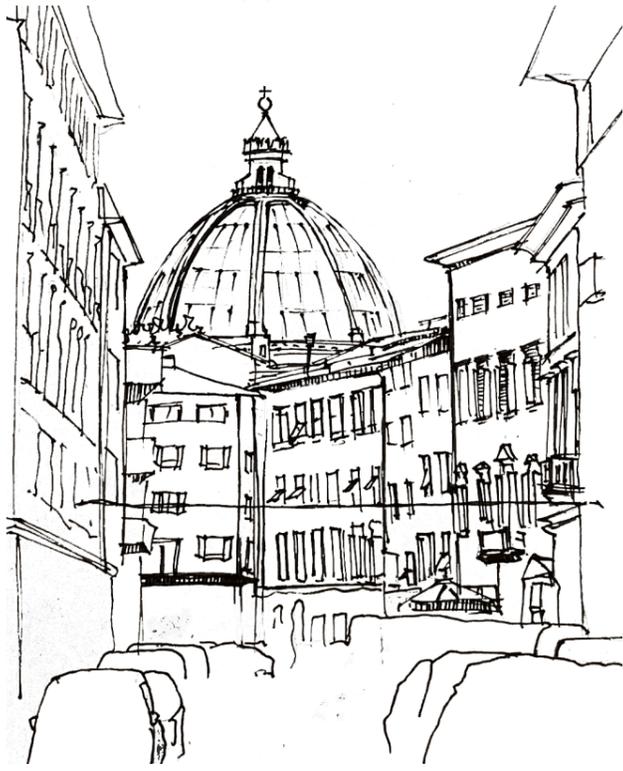
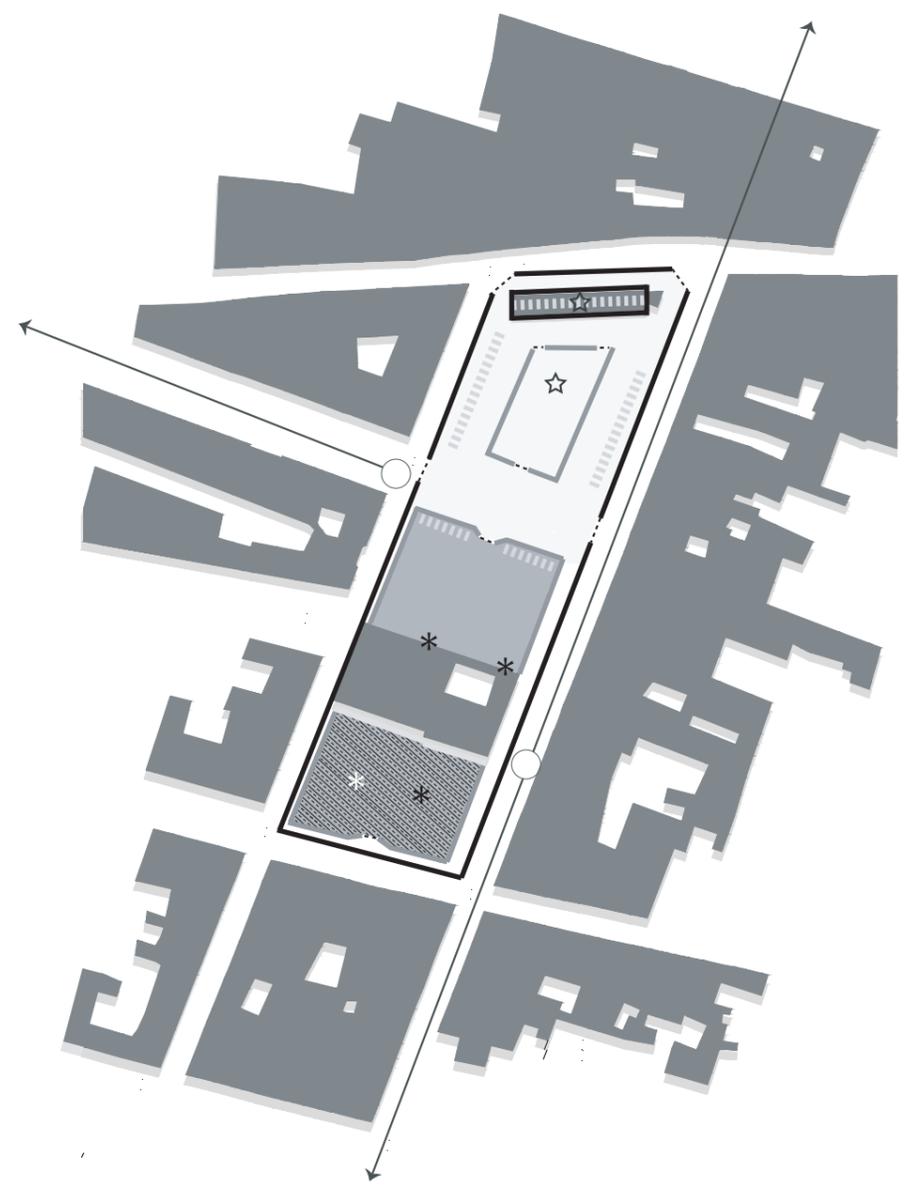


SITE VISUAL ANALYSIS



- |                             |                            |                                     |
|-----------------------------|----------------------------|-------------------------------------|
| <b>Elementi puntuali</b>    | <b>Elementi lineari</b>    | <b>Elementi areali</b>              |
| * Detrattori visuali        | — Barriere architettoniche | ▨ Inquinamento acustico e olfattivo |
| ○ Punti di vista            | - - - - - Accessi          | ■ Edificato                         |
| ☆ Landmark urbani           | — Barriere visive          | ■ Ambito giardino                   |
| * Attrattori visuali minori | ▨ Filtro                   | ■ Ambito piazza                     |
|                             | ← Direzioni vedute         |                                     |



Country / City Italy / Florence

University / School University of Florence

Academic year 2019-2020

Title of the project Reinterpreting three different species of public spaces in Florence

Authors Silvia Angius, Fei Chen, Catherine Wright Goodrich, Gaetano Nardini, Francesca Petreni, Ilaria Castagnetti, Sara Martignoni, Riccardo Visonà, JiaXin Zou

## TECHNICAL DOSSIER

Title of the project	Reinterpreting three different species of public spaces in Florence
Authors	Silvia Angius, Fei Chen, Catherine Wright Goodrich, Gaetano Nardini, Francesca Petreni, Ilaria Castagnetti, Sara Martignoni, Riccardo Visonà, JiaXin Zou
Title of the course	Gardens, Park and Open Spaces Design
Academic year	2019-2020
Teaching Staff	Filippo Bussotti, Maria De Santis, Saverio Mecca, Anna Lambertini
Department/Section/Program of belonging	Architecture Department, Master's Degree course in Landscape Architecture
University/School	University of Florence



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

The Laboratory in Gardens, Park and Open Spaces Design aims to provide skills and tools to develop a landscape designing process at the site scale with particular reference to urban gardens and public open spaces.

The learning process is based on an interdisciplinary approach combining theories and knowledges of three teaching: Landscape Architecture 1; Applied Botany; Construction Design.

Topics include garden and landscape design theory; site inventory and analysis; planting design; application of the design process to projects at the site scale.

An objective of the project application is to develop in the students a design sensitive approach based on the assumption that the process of reading, knowing and representing a place/site needs an imaginative effort as much as the creative process of his transformation.

In the 2019/20 edition the application have been focused on a system of three public spaces in the historical city centre of Florence: the Ciampi Square (recently refurbished with a controversy project ) and two contiguous urban walled gardens which need a requalification.

The goal of the laboratory was to develop alternative scenarios introducing solutions and strategies to climate change adaption and mitigation into an urban historical landscape, recognized as Unesco World Heritage.

The students, working in different groups, have set themselves the main objective of increasing the permeability of urban soils and to raise natural capital, looking for suitable design solutions to combine together active conservation of an historical urban landscape, memory of sites, social needs (inhabitants and tourist), environmental sustainability.

For further information

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**Máster d'Arquitectura del Paisatge -DUOT - UPC**

ETSAB- Escola Tècnica Superior

d'Arquitectura de Barcelona

Avenida Diagonal, 649 piso 5

08028 Barcelona-Spain



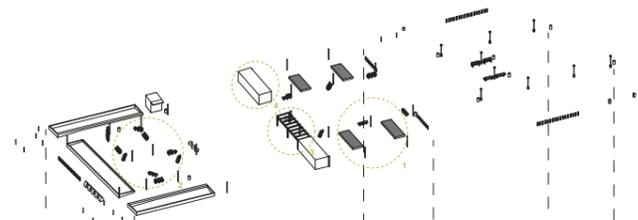
# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

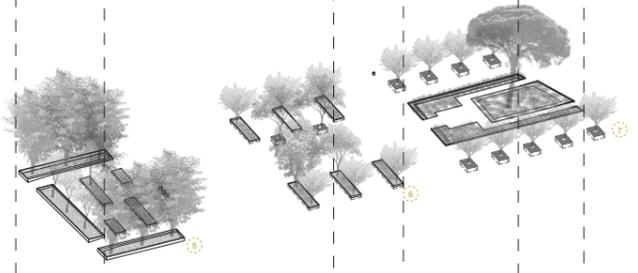
Barcelona September 2020

SCHOOL PRIZE

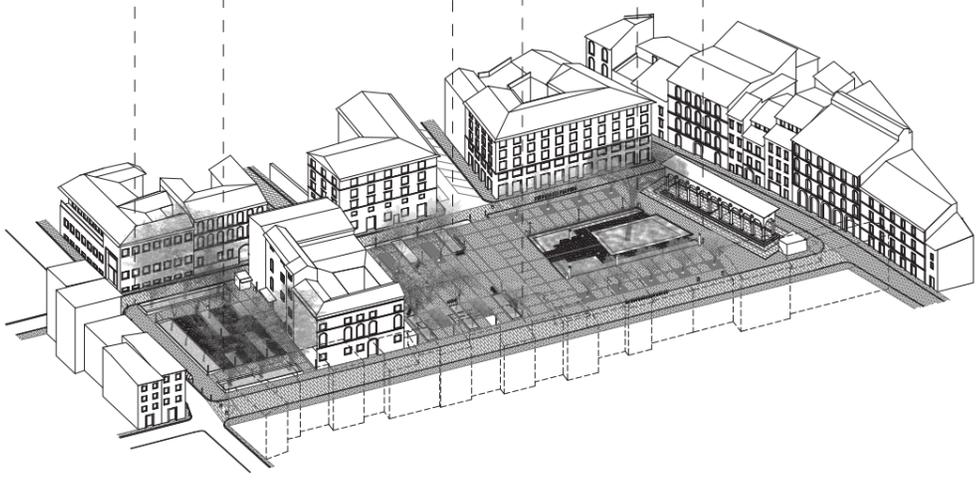
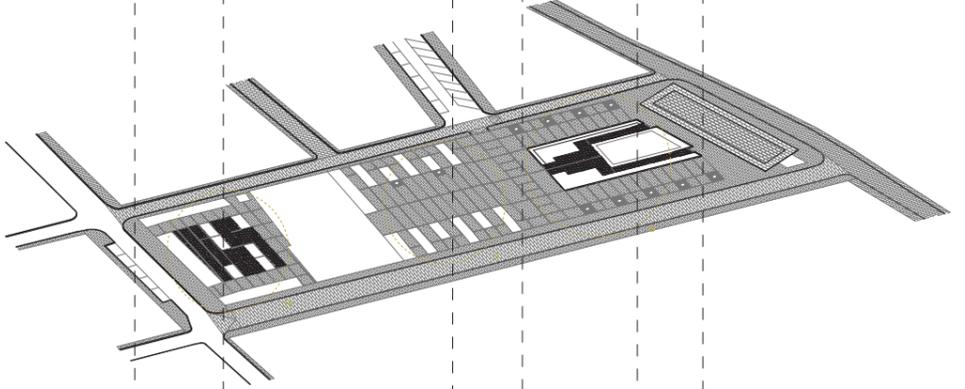
- MIXTE ARCHITETTONICA -  
servizi e spazio urbano



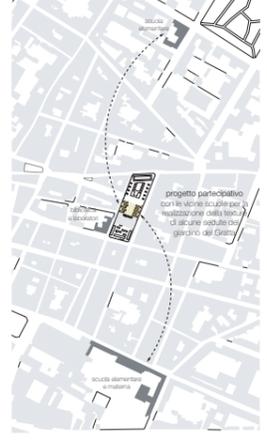
- CONTAMINAZIONE VEGETALE -  
spazio vegetale



- LIBERTÀ di MOVIMENTO -  
superfici

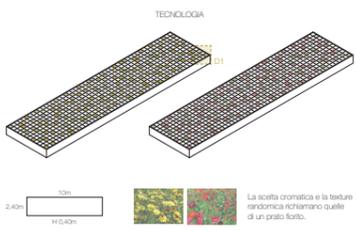
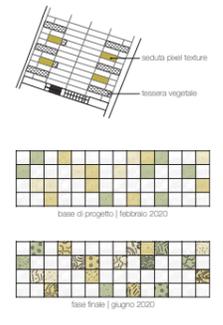


1 SEDUTE | PIXEL GARDEN



PROCESSO PARTECIPATIVO

L'idea di progetto partecipativo prevede un continuo processo di libera interpretazione delle tessere che compongono le sedute da parte dei bambini delle vicine scuole. Le tessere ripresentate si colorano ripetute ogni anno partendo dalla fase fissa del precedente anno, come base per un nuovo progetto.



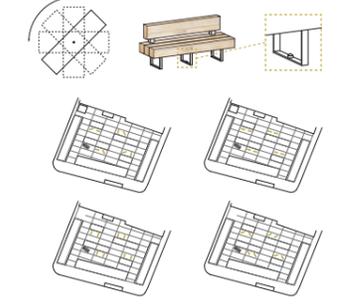
TECNOLOGIA

La scelta cromatica e la texture randomica richiamano quelle di un prato fiorito.

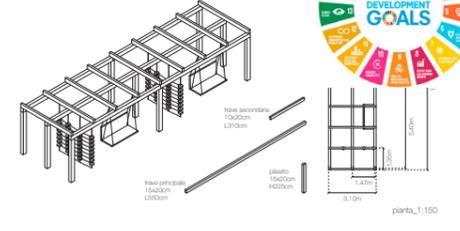
2 SEDUTE MOBILI



CONFIGURAZIONI



3 ELEMENTI PER IL GIOCO



4 SERVIZI IGIENICI PUBBLICI



5 GIARDINO CHELAZZI



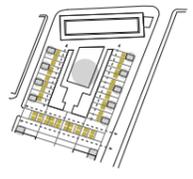
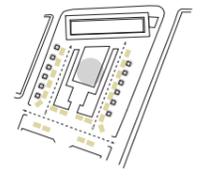
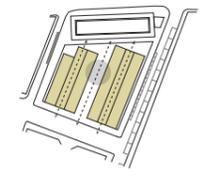
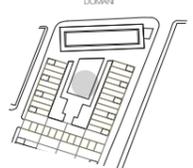
6 GIARDINO DEL GRATTA



7 PIAZZA DEI GIOCHI



8 MARKET SQUARE | PIAZZA GIARDINO DEI GIOCHI

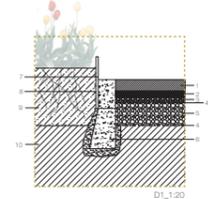
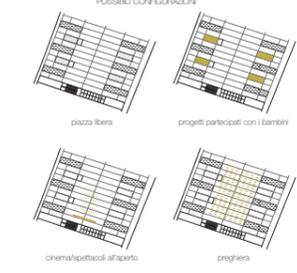
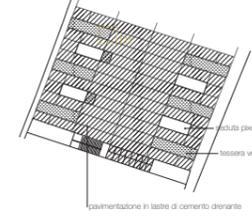


strutture fisse  
disposizione fissa  
cassa celata  
visibilità circostante canalile

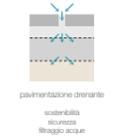
strutture mobili  
disposizione variabile  
cassa non celata  
visibilità circostante a traffico limitato

strutture mobili  
disposizione variabile  
cassa celata  
visibilità circostante pedonale

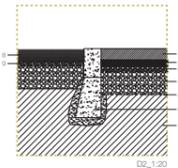
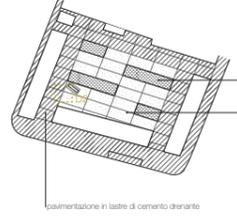
9 PIXEL GARDEN | GIARDINO DI QUARTIERE DEL GRATTA



- 1\_tessera in cemento drenante 40x100cm sp. 10cm
- 2\_allettamento in pannello levato fine Ø 35mm sp. 5cm
- 3\_allettamento in pannello levato fine Ø 5/12mm sp. 5cm
- 4\_membrana geotile
- 5\_sottile drenante in ghiaia levata grossa Ø 20/40mm sp. 20cm
- 6\_cordolo in calcestruzzo
- 7\_cordolo in metallo
- 8\_membrana di tessuto non tessuto
- 9\_terreno
- 10\_terreno di substrato



10 POCKET GARDEN | GIARDINO CHELAZZI

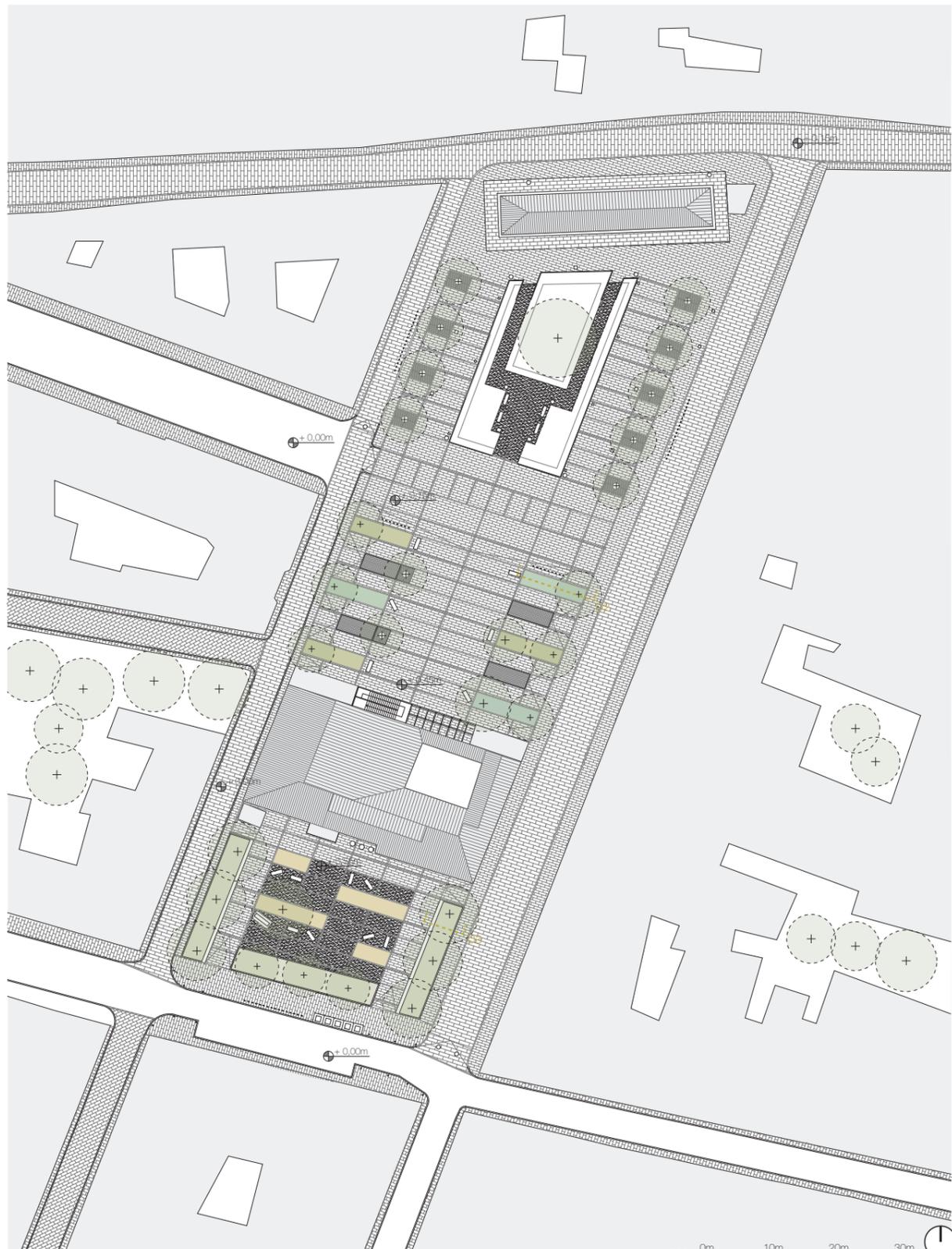


- 1\_tessera in cemento drenante 40x100cm sp. 10cm
- 2\_allettamento in pannello levato fine Ø 35mm sp. 5cm
- 3\_allettamento in pannello levato fine Ø 5/12mm sp. 5cm
- 4\_sottile drenante in ghiaia levata grossa Ø 20/40mm sp. 20cm
- 5\_membrana geotile
- 6\_cordolo in calcestruzzo
- 7\_cordolo in metallo
- 8\_terreno di substrato
- 9\_terreno in stabilizzatore ecologico sp. 10cm
- 10\_terreno in pannello stabilizzato levato fine Ø 5/12mm sp. 5cm





- COMPONENTE VEGETALE ARBUSTIVA -



GIARDINO DEL GRATTA

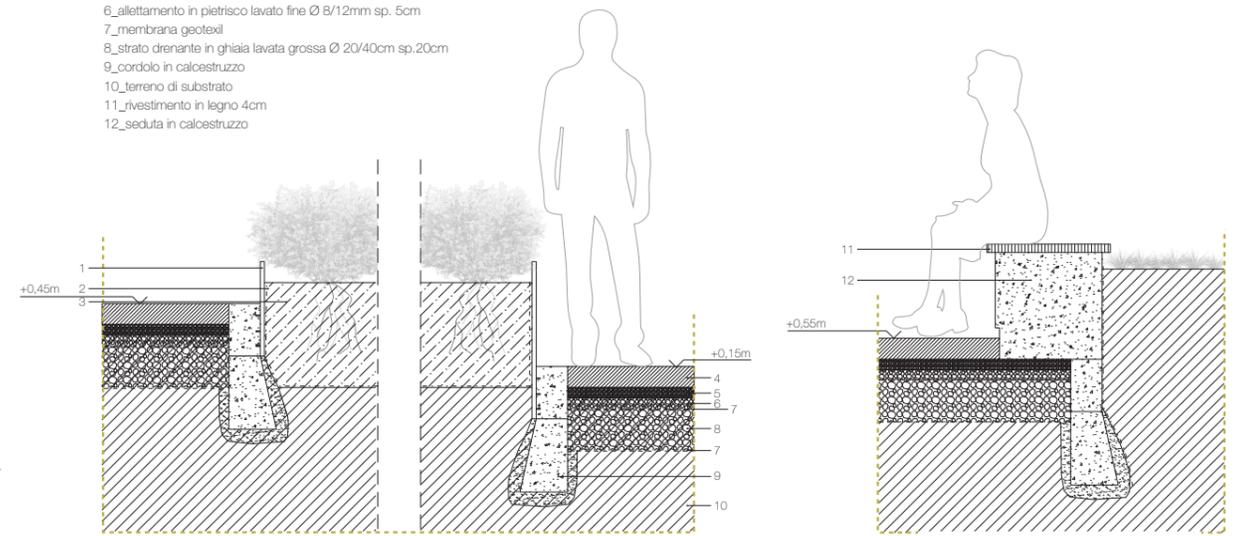
- |   |   |
|---|---|
| <p><b>VASCA DEL GELSOMINO</b><br/>2,5x10 m</p> <ul style="list-style-type: none"> <li><i>Rhynchospermum jasmynoides</i><br/>H 50cm<br/>Ø 100/150cm<br/>● sempreverde<br/>○ fioritura mag-lug</li> <li><i>Pittosporum tobira nana</i><br/>H 80cm<br/>Ø 80/100cm<br/>● sempreverde<br/>○ fioritura mag-lug</li> </ul> | <p><b>VASCA DEI NARCISI</b><br/>2,5x10 m</p> <ul style="list-style-type: none"> <li><i>Ophiopogon japonicus</i><br/>H 30cm<br/>Ø 35/40cm<br/>● sempreverde<br/>○ fioritura giu-lug</li> <li><i>Narcissus apricot whirl</i><br/>H 60/70cm<br/>Ø 25cm<br/>● decidua<br/>○ fioritura mar-mag</li> <li><i>Narcissus tazetta</i><br/>H 50/60cm<br/>Ø 25cm<br/>● decidua<br/>○ fioritura dic-mar</li> </ul> |
|---|---|

GIARDINO CHELAZZI

- |   |  |   |   |   |
|---|--|---|---|---|
| <p><b>VASCA CON ERBACEE PERENNI E BULBOSE</b><br/>2,5x5,5 m</p> <ul style="list-style-type: none"> <li><i>Aster dumosus settembrina</i><br/>H 40/50cm<br/>Ø 30/40cm<br/>● decidua<br/>○ fioritura ago-ott</li> <li><i>Carex spicata</i><br/>H 50/60cm<br/>Ø 60cm<br/>● sempreverde<br/>○ fioritura mag-ago</li> </ul> | <ul style="list-style-type: none"> <li><i>Coreopsis grandiflora</i><br/>H 60/70cm<br/>Ø 40cm<br/>● decidua<br/>○ fioritura giu-set</li> <li><i>Festuca glauca</i><br/>H 50/60cm<br/>Ø 50/60cm<br/>● sempreverde<br/>○ fioritura mag-lug</li> </ul> | <ul style="list-style-type: none"> <li><i>Gaura lindheimeri</i><br/>H 60/80cm<br/>Ø 50cm<br/>● decidua<br/>○ fioritura mag-ott</li> <li><i>Iris germanica gialla e viola</i><br/>H 60cm<br/>Ø 25cm<br/>● sempreverde<br/>○ fioritura mag-giu</li> </ul> | <ul style="list-style-type: none"> <li><i>Iris japonica</i><br/>H 50cm<br/>Ø 25cm<br/>● sempreverde<br/>○ fioritura mag-giu</li> <li><i>Rudbeckia fulgida</i><br/>H 60cm<br/>Ø 30/40cm<br/>● decidua<br/>○ fioritura lug-ott</li> </ul> | <ul style="list-style-type: none"> <li><i>Salvia microphylla</i><br/>H 70/80cm<br/>Ø 30/40cm<br/>● decidua<br/>○ fioritura mag-set</li> <li><i>Stipa tenuissima</i><br/>H 50/80cm<br/>Ø 60cm<br/>● sempreverde<br/>○ fioritura giu</li> </ul> |
|---|--|---|---|---|

PRATO DI TAPPEZZANTI  
*Lippia nodiflora*

- cordolo in metallo
- membrana di tessuto non tessuto
- terriccio
- lastra in cemento drenante 40x100cm sp.10cm
- allettamento in pietrisco lavato fine Ø 3/5mm sp. 5cm
- allettamento in pietrisco lavato fine Ø 8/12mm sp. 5cm
- membrana geotexil
- strato drenante in ghiaia lavata grossa Ø 20/40cm sp.20cm
- cordolo in calcestruzzo
- terreno di substrato
- rivestimento in legno 4cm
- seduta in calcestruzzo

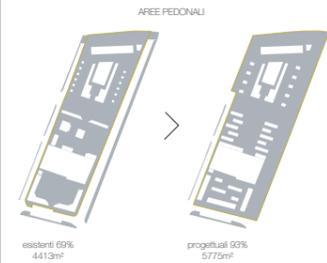


scala 1:500 0m 10m 20m 30m

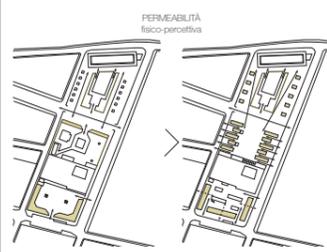
D2\_1:20

:20

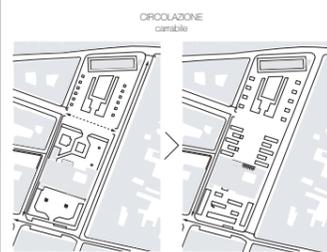
- LIBERTÀ di MOVIMENTO -  
superfici e percezione



AREE PEDONALI

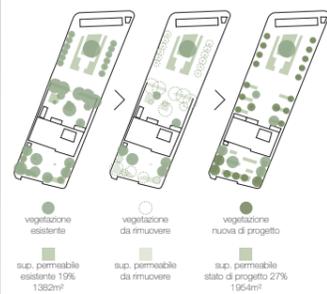


PERMEABILITÀ  
fisico-percettiva



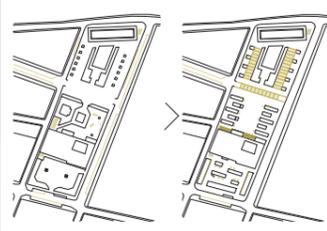
CIRCOLAZIONE  
cambiabile

- CONTAMINAZIONE VEGETALE -  
superfici e componente vegetale

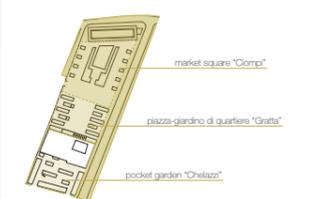


- vegetazione esistente
- vegetazione da rimuovere
- vegetazione nuova di progetto
- sup. permeabile esistente 19% 1352m<sup>2</sup>
- sup. permeabile da rimuovere
- sup. permeabile stato di progetto 27% 1954m<sup>2</sup>

- MIXTÈ ARCHITETTONICA -  
servizi e arredo urbano

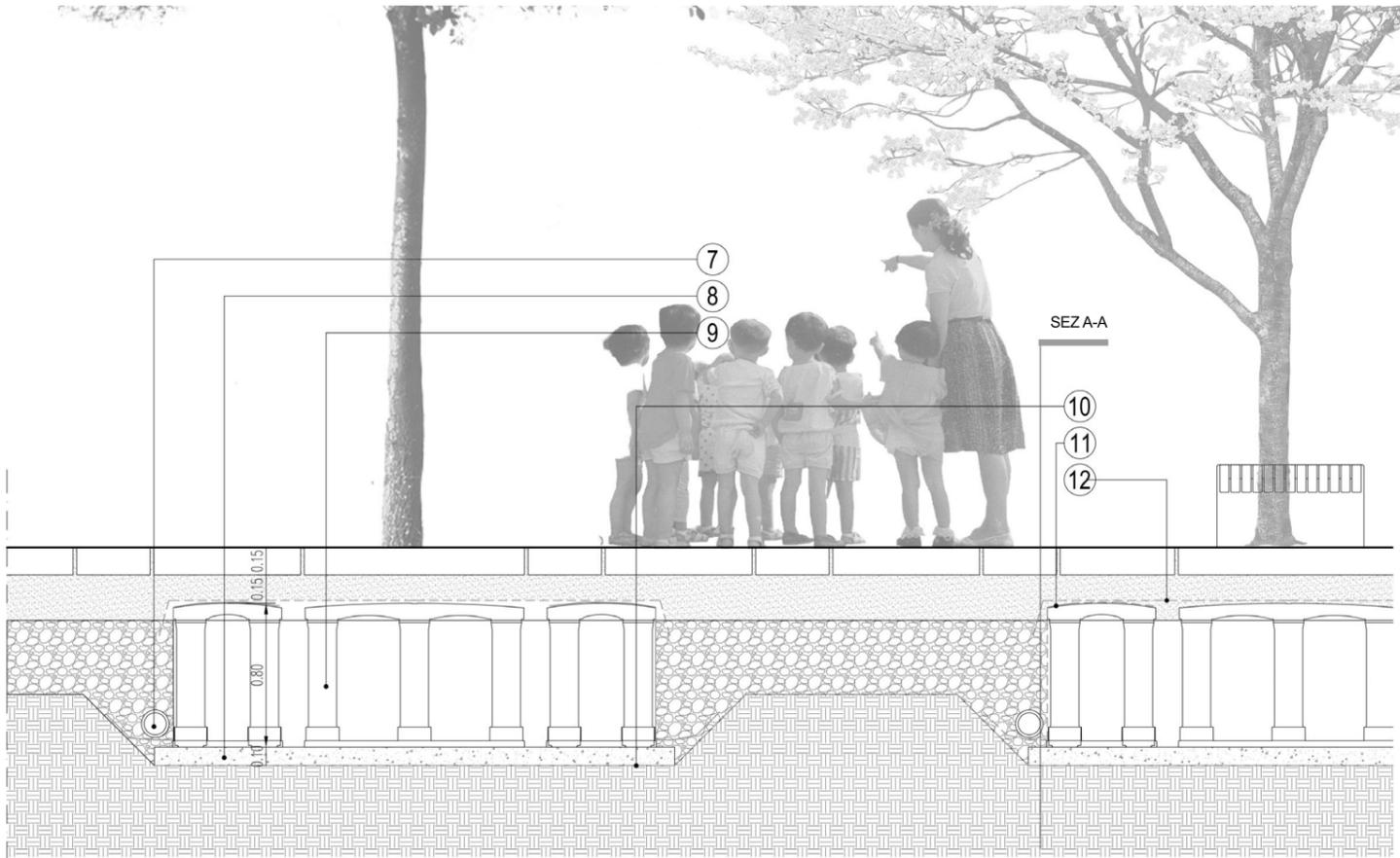
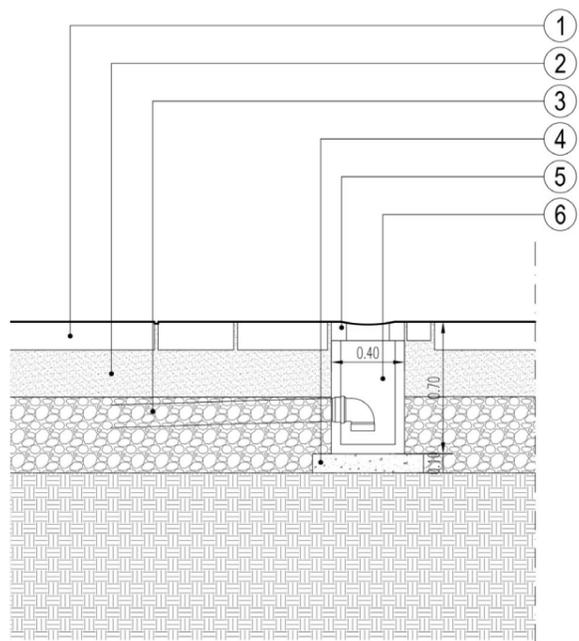


- VITA EN PLEIN AIR -  
funzioni

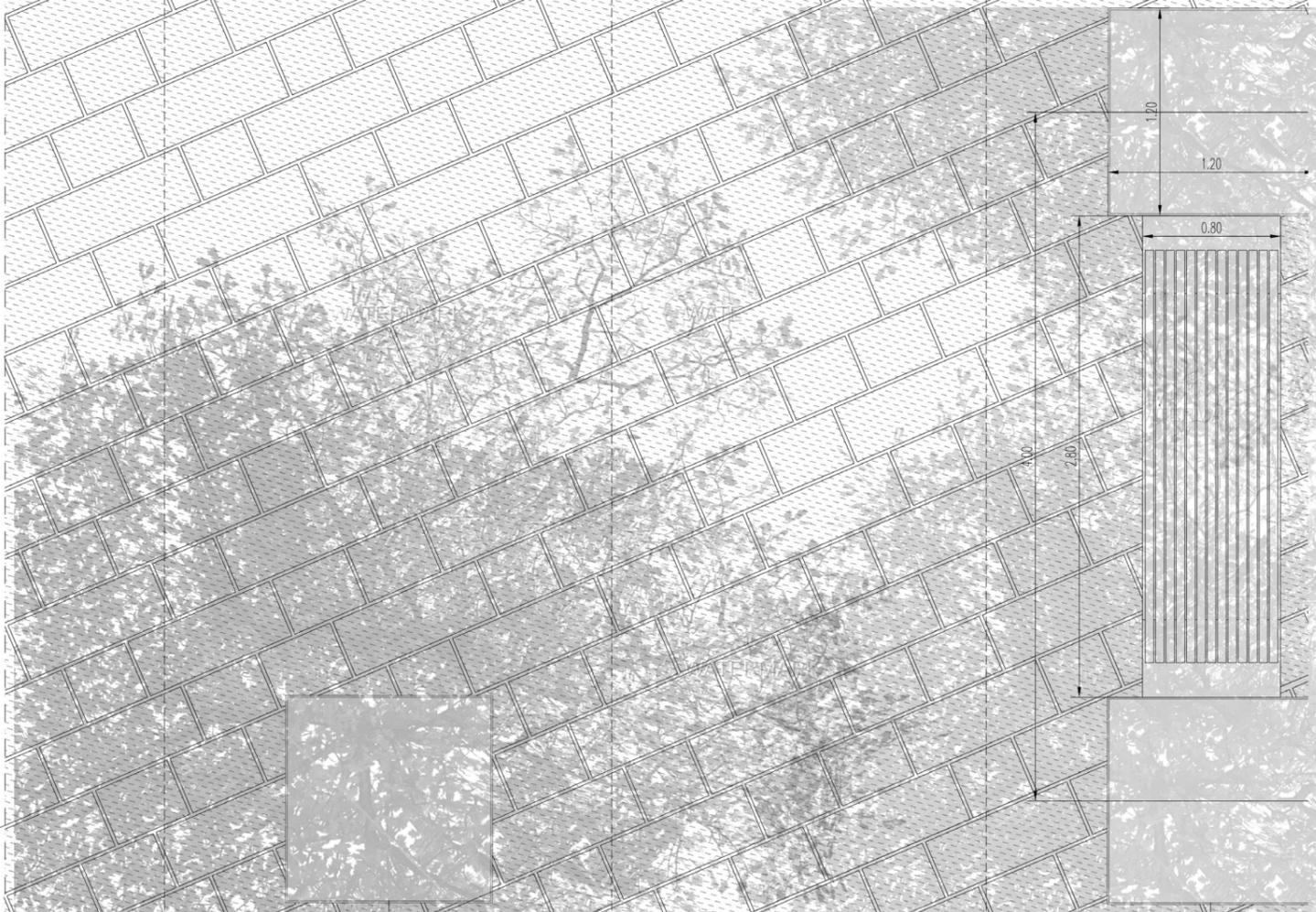
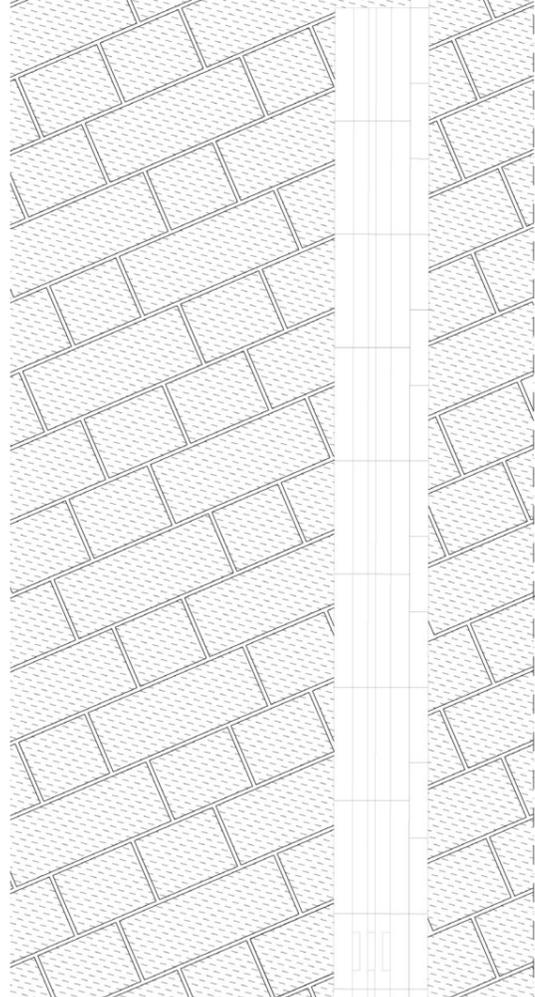


- market square "Clomp"
- piazza-giardino di quartiere "Gratta"
- pocket garden "Chelazzi"

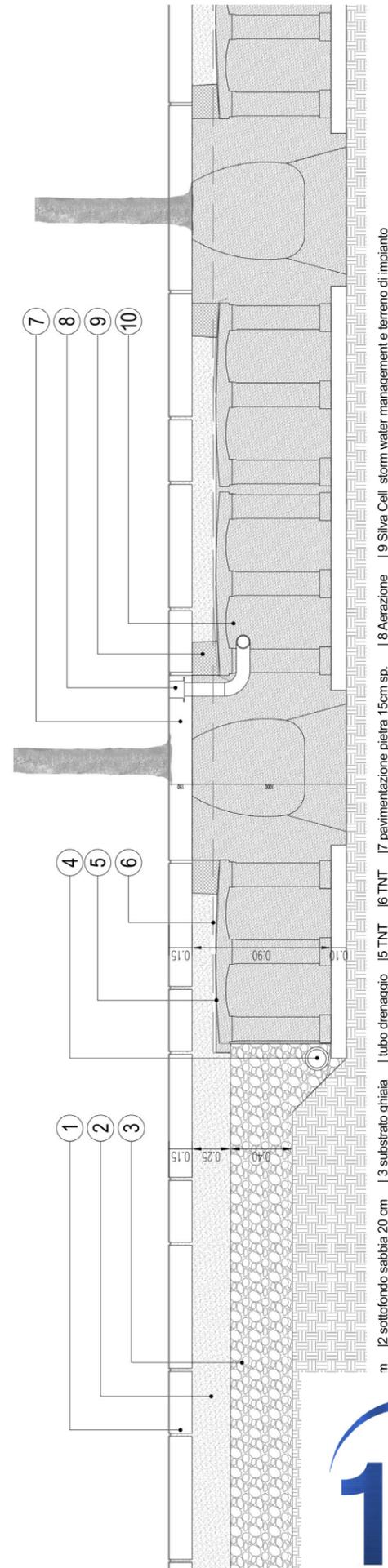




1 rivimentazione pietra spessore 15 cm | 2 sottofondo sabbia 20 cm | 3 substrato ghiaia | 4 magrone cls | 5 caditoia pietra | 6 vano caditoia cls vibrato | 7 tubo drenaggio | 8 magrone cls | 9 Silva Cell storm water management | 10 TNT | 11 TNT | 12 TNT



SEZIONE A-A SCALA 1:20



1 rivimentazione pietra spessore 15 cm | 2 sottofondo sabbia 20 cm | 3 substrato ghiaia | 4 magrone cls | 5 caditoia pietra | 6 vano caditoia cls vibrato | 7 tubo drenaggio | 8 magrone cls | 9 Silva Cell storm water management | 10 TNT | 11 TNT | 12 TNT