

創造性育成フォーラム事例発表

大学院建築空間設計特別演習

Theory of Architectural Space and Planning

-Constructing The Commons-

環境・社会理工学院 建築学系

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修士課程 (参加学生)

科目情報

- ・開講元：建築学コース
- ・科目コード：ARC.D424 (修士課程 選択科目)
- ・受講者数：32 名 , (海外交流学生) 13 名
- ・科目の概要： 本講義は世界最先端の建築理論を実践する外国人建築家を招聘し , 毎年異なるテーマについて建築や都市空間の設計課題を行う集中講義である。現代社会や都市空間という文脈において建築のデザインを検討することを通して , 建築の批評言語を構築し , 実践する力を養うことが本講義のねらいである。2016 年 10 月 , デルフト工科大学トム・アヴァーマテ教授を迎え , Constructing the Commons 「コモنزの構築」と題した二週間の集中講義が行われた。



招聘教授

トム・アヴァーマテ教授

Tom Avermaete

1971 年、ベルギー生まれ 2004 年ルーヴェン・カトリック大学で博士号取得

2013 年よりオランダ・デルフト工科大学建築学科教授

現デルフト工科大学建築学科・アナリシス&メソッド学科長

コペンハーゲン大学、クーインズランド大学客員教授歴任

授業のスケジュール

Theory of Architectural Space and Planning 2016

Guest Professor: Tom Avermaete

Chair of methods and analysis, TU Delft

Kick-off meeting and Opening lecture
division of analysis areas, group forming
Group working, field trips to analysis areas

Group working, field trips to analysis areas,
critique on discoveries
Group working

Group working and **midterm review**

National Holiday

Group working, fieldtrips to analysis areas,
critique on ideas for the intervention
Group working

Group working, last critique on progress

Group working and **Final Review**

10 | 3 Mon

4

5

6

7 Fri

10 Mon

11

12

13

14 Fri

3rd Quarter



During the lectures



The final review

トム・アヴァーマテ教授のオープニングレクチャー





トム・アヴァーマテ教授のオープニングレクチャースライド

constructing the commons: a new approach to architecture and the city?

Tom Avermaete

Delft University of Technology
Faculty of Architecture and the Built Environment
Department of Architecture

コモンズの定義

common

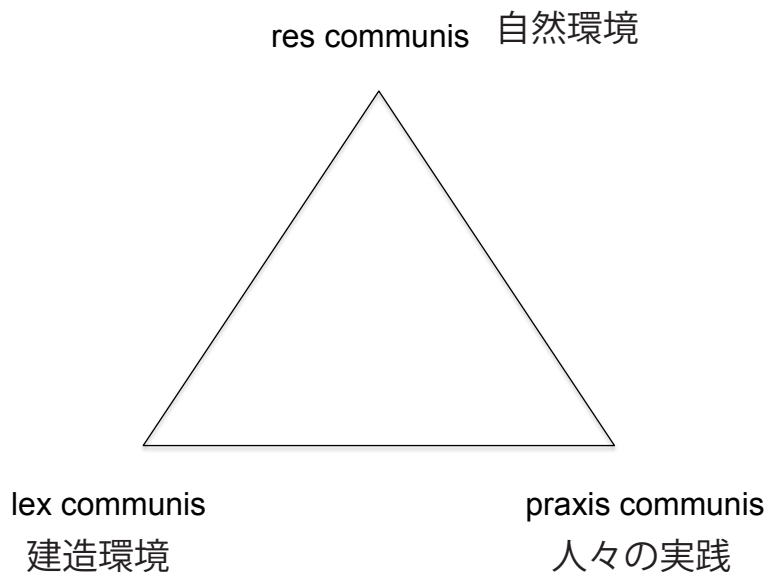
: belonging to or shared by two or more people or groups

: done by many people

: occurring or appearing frequently : not rare

(Merriam Webster Dictionary)

3つのコモン



オープニングレクチャースライドの一部

課題の内容

Studio assignment: Unlocking the Commons

都市のエコロジーを描く (一週目)

Drawing Ecologies 1st week

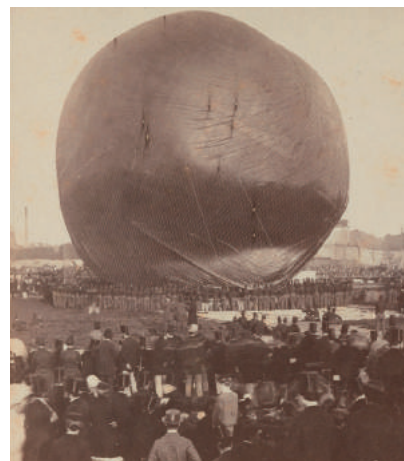
Starting from the threefold notion of the commons - as *Lex communis*, *Praxis communis* and *Res communis* - this studio sets out to offer an analysis of the commons in the Japanese city. Students will go in to the city and analyse the common pool resources (green space, open space, water, materials, typologies, etc). They will investigate, draw and understand these resources as elements of an 'ecology' (see Reyner Banham's study of LA) of human and non-human actors. Special attention will be paid to the role that the built environment, from 'city to chair', plays in articulating, defining and unlocking these common pool resources. Students will ask questions as: What are the commons of the Japanese city? What role does architecture play in this commons ecology? And how can we draw these commons?

The result of this first phase of the studio will be a drawing of the 'commons ecology'.

建築デザインプロジェクト (二週目)

Articulating a Project 2nd week

In a second part of the studio students will explore what a 'design project' for the commons can be, beyond a simple plan for a building. Starting from the information that was assembled by the entire group in the previous phase, students will be asked to reflect upon how they -with architectural means (which need to be identified)— can act within the ecologies that they have mapped. How can a project for the commons be articulated? With which instruments and approaches can they intervene in these commons ecology? Which material or immaterial interventions are needed to unlock the common pool resources in a new fashion and for a wider group of citizens? The result of this second phase will be a representation/ drawing that articulates what a project for a common can be, beyond a simple plan for a building.



集中講義の様子



学生の作業様子



講評会の様子



講評会の様子



講評会後の集合写真



都市環境設計特論

Architectural Theory for Urban Space 2016

Professor: Yoshiharu Tsukamoto

Tokyo Institute of Technology

Presentation summing up process, methods and results from workshop part 1, critics to set improvements till next week; recapitulation of theory of the commons; distribution of task - lecture summaries

12 | 5 Mon

Presentation of projects;
presentation of lecture summaries;
distribution of task - book summaries;
set up of an editorial team to lead layout and design of the book

12 | 12 Mon

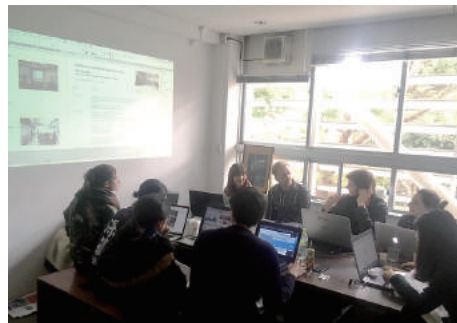
Presentation of projects and results of layout and design process;
presentation of book summaries;
discussion of ecology diagrams
discussion of book structure

12 | 19 Mon

Final review of group projects,
final improvements set;
review of layout and design process

12 | 26 Mon

4th Quarter



The weekly editorial table, held until end of January



Final Review of the group projects and layout

ブックレットの作成

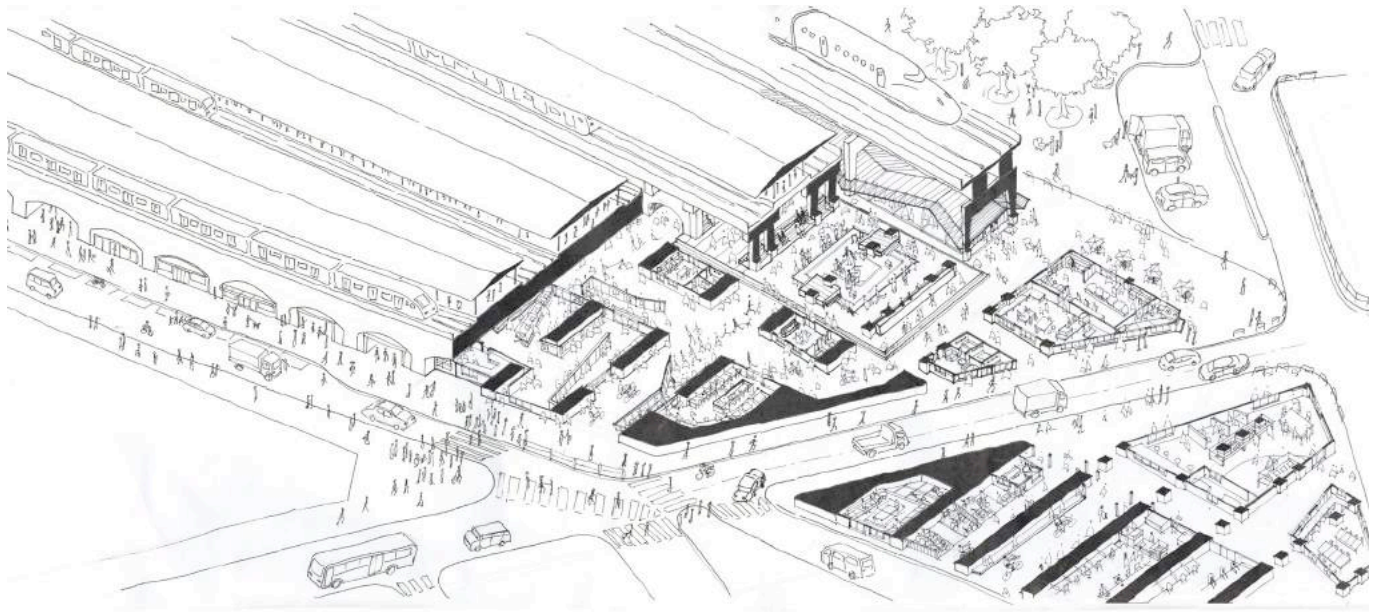


Shimbashi: Reusing Leftover Spaces



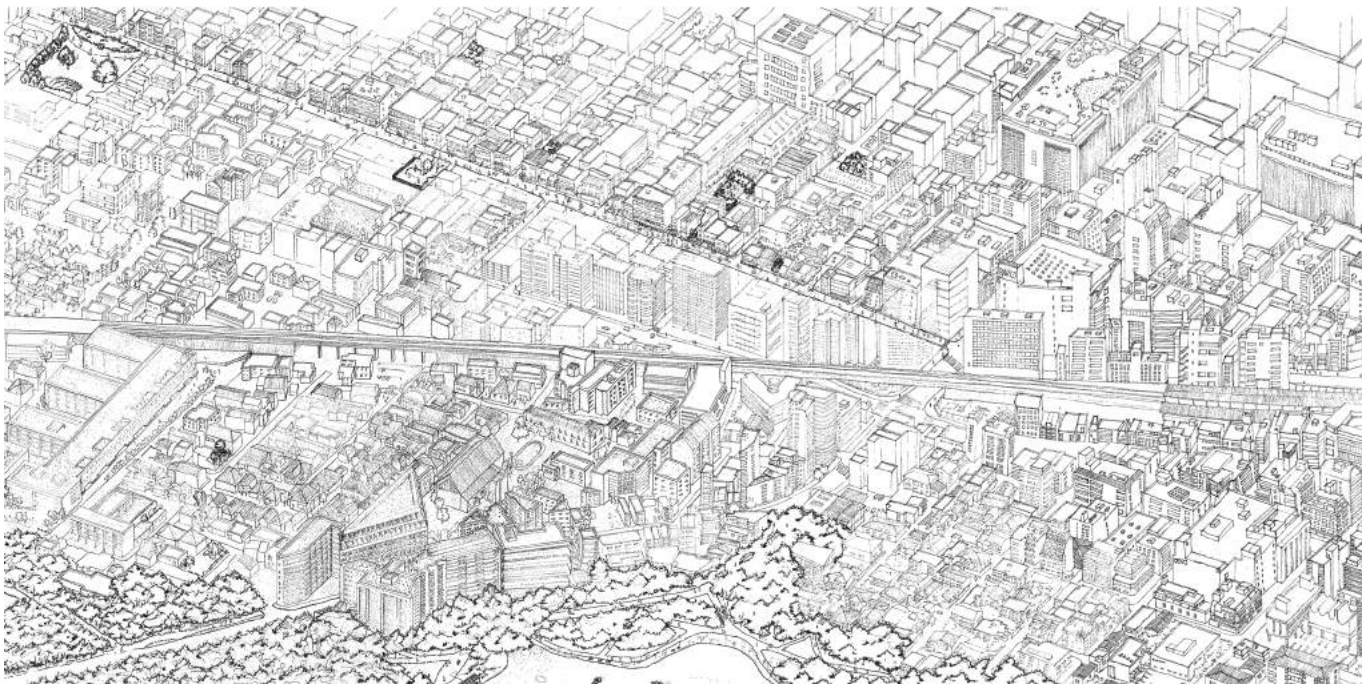
一週目：都市のエコロジーを描く

Shimbashi: Reusing Leftover Spaces



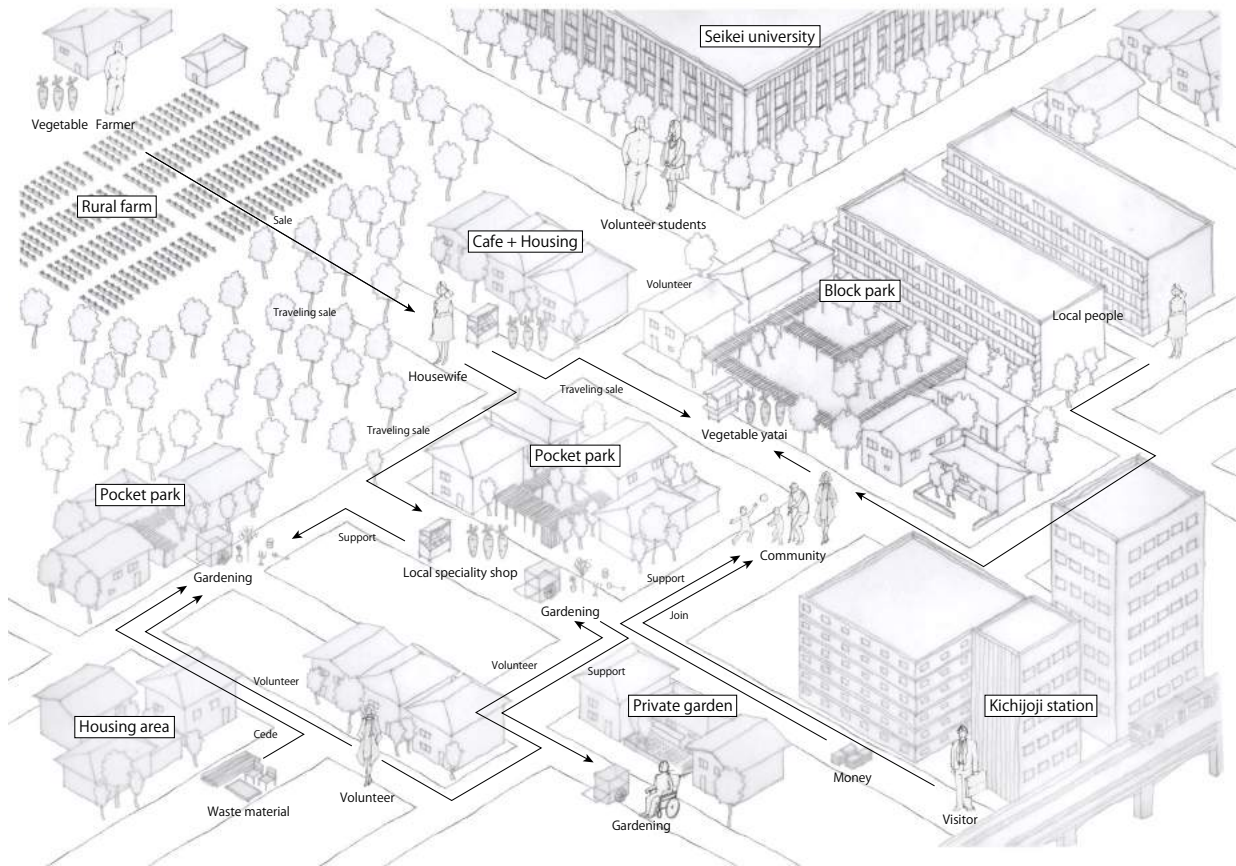
二週目: 建築デザインプロジェクト

Growing Park: The Kichijoji Hidden Ecology



一週目：都市のエコロジーを描く

Growing Park: The Kichijoji Hidden Ecology



二週目: 建築デザインプロジェクト

Shibuya Back Flow: Revitalizing a River





Re-bridge

Reconnecting the Imperial Palace
and Kitanomaru Park on foot

Team:

Nami Hosokawa

Yosuke Takahashi

Maximillian Heise

Florentia Economou

Andrew Cowro Putra

1st week : Field survey and Drawing Ecologies



Midterm review

Res Communis (自然環境)



Lake and trees around Imperial Palace

Praxis Communis（人々の実践）



Runners around Imperial Palace



Lex Communis (建造環境)

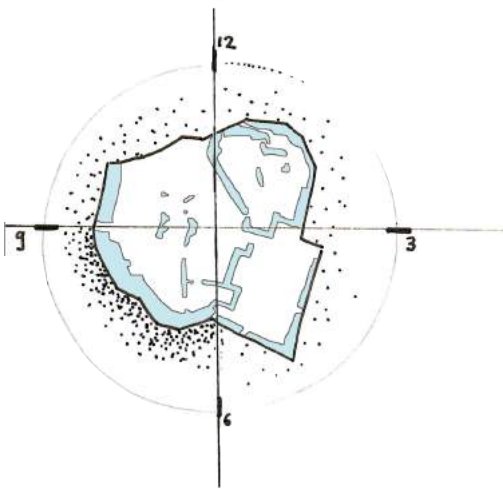


1. Runners Behavior

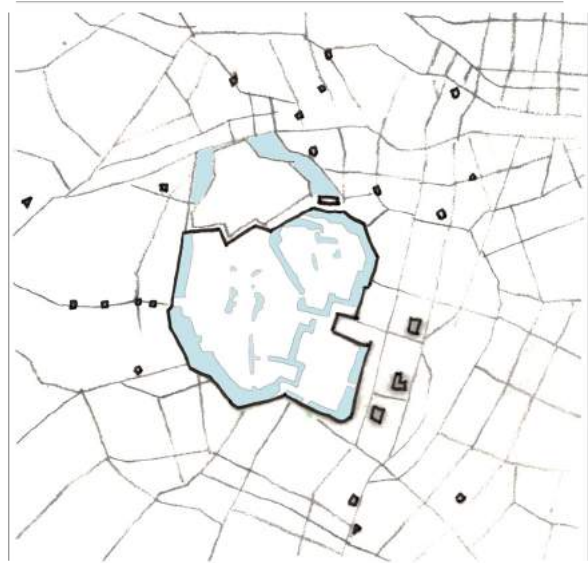


2. Architectural Elements

Lex Communis (建造環境)

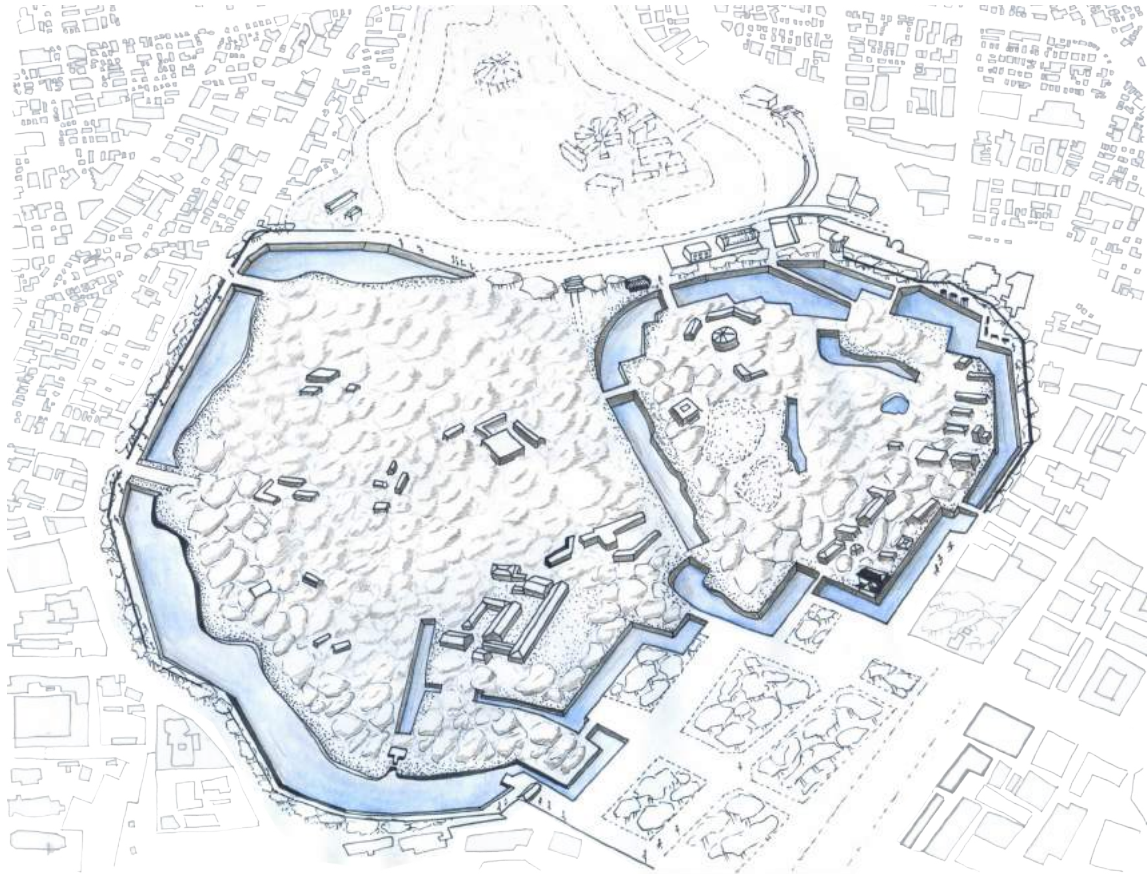


3. Working and Running hours



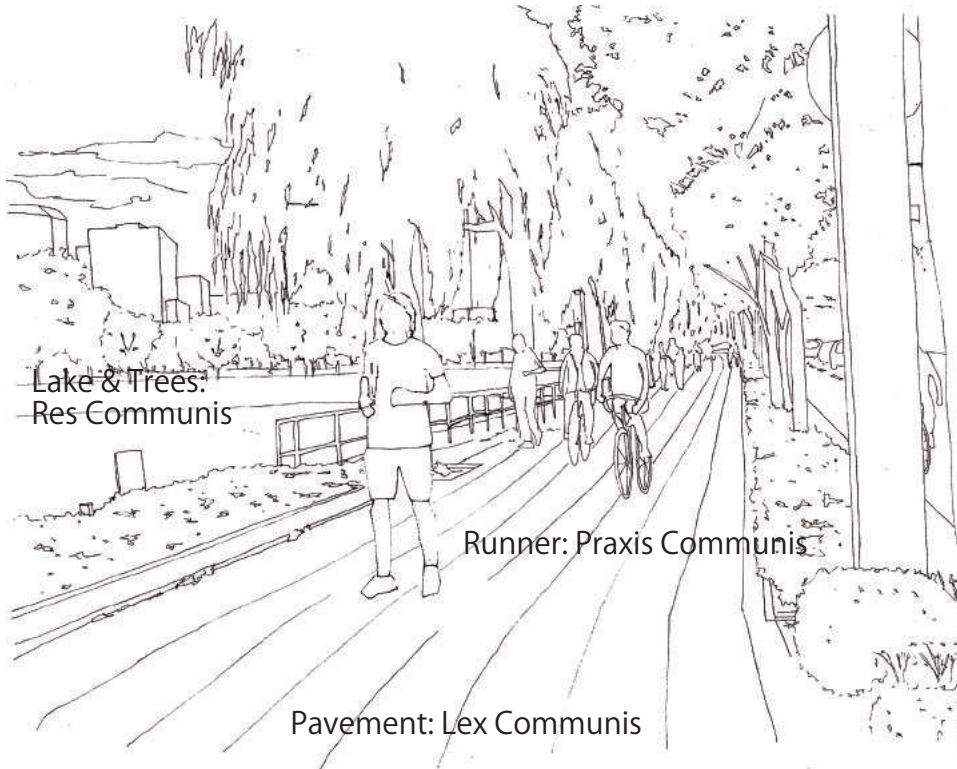
4. Running Clubs

Ecological Drawing around Imperial palace



The void center of Tokyo as an active ecology

Ecological Drawing around Imperial palace



Runners around Imperial Palace

Borders of Imperial Palace and Kitanomaru park



1. Pedestrian bridge A



2. Pedestrian bridge B

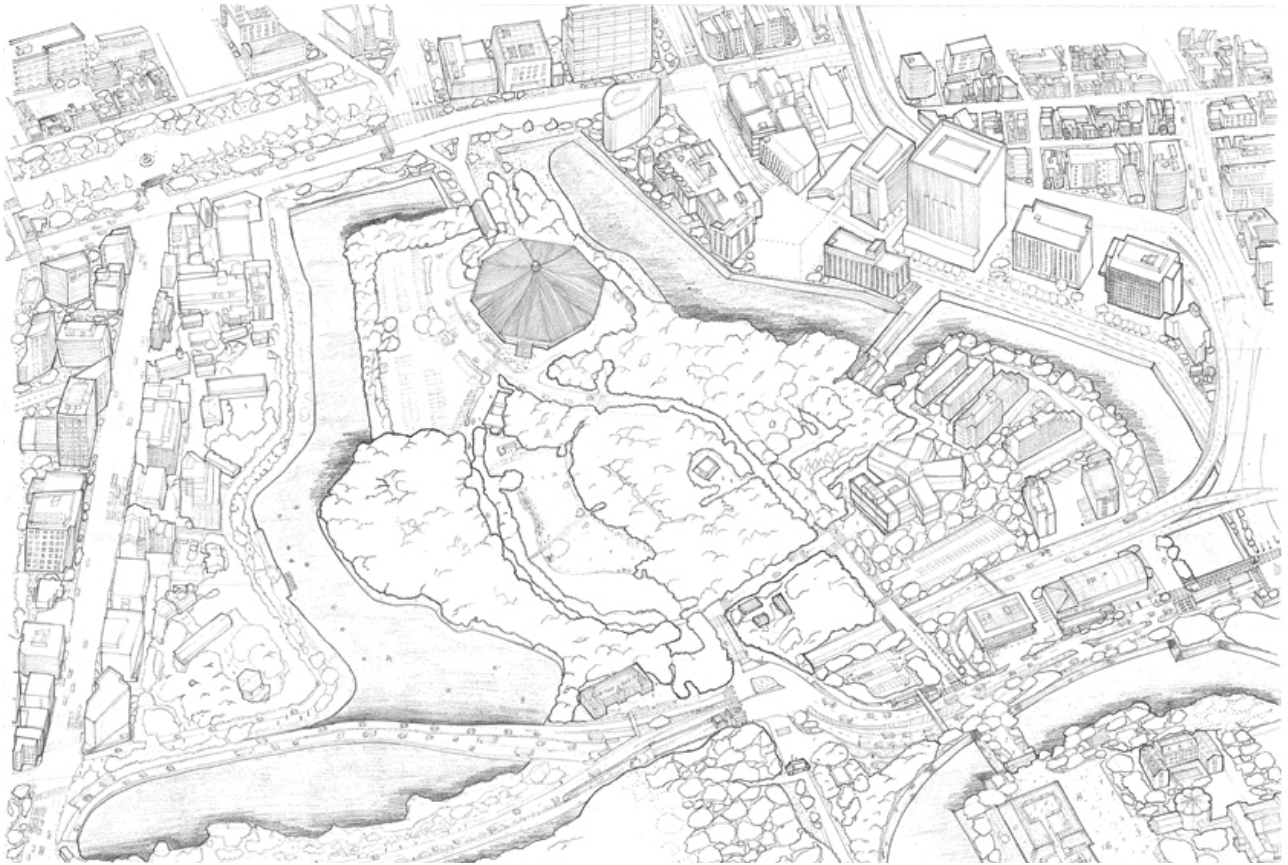


3. Road between the two parks



4. High-way road entrance

Ecological Drawing of Kitanomaru Park



Historically the Kitanomaru Park used to be connected with the Imperial Palace

2nd week : Intervention

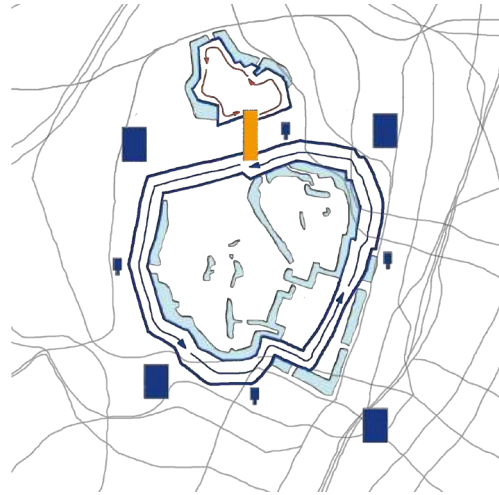


Final Presentation

Design Concept



Running Route



New bridge as reconnection and extending running route

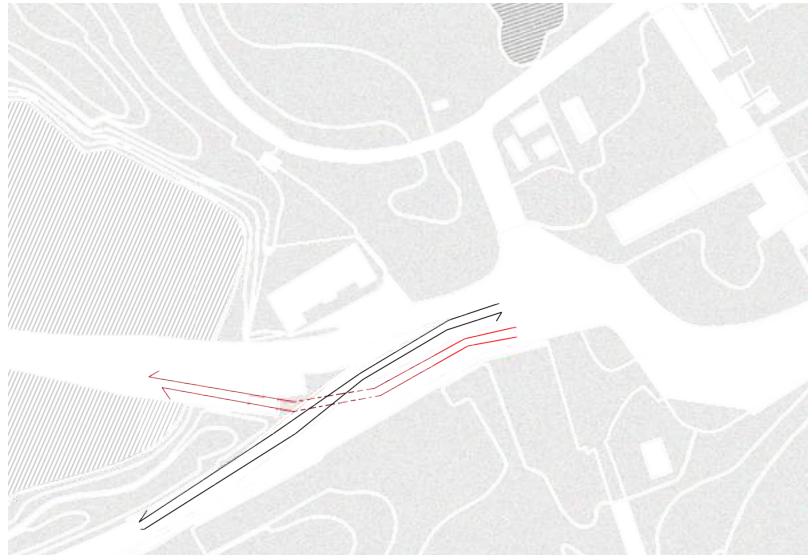
First Intervention



0. Traffic analysis

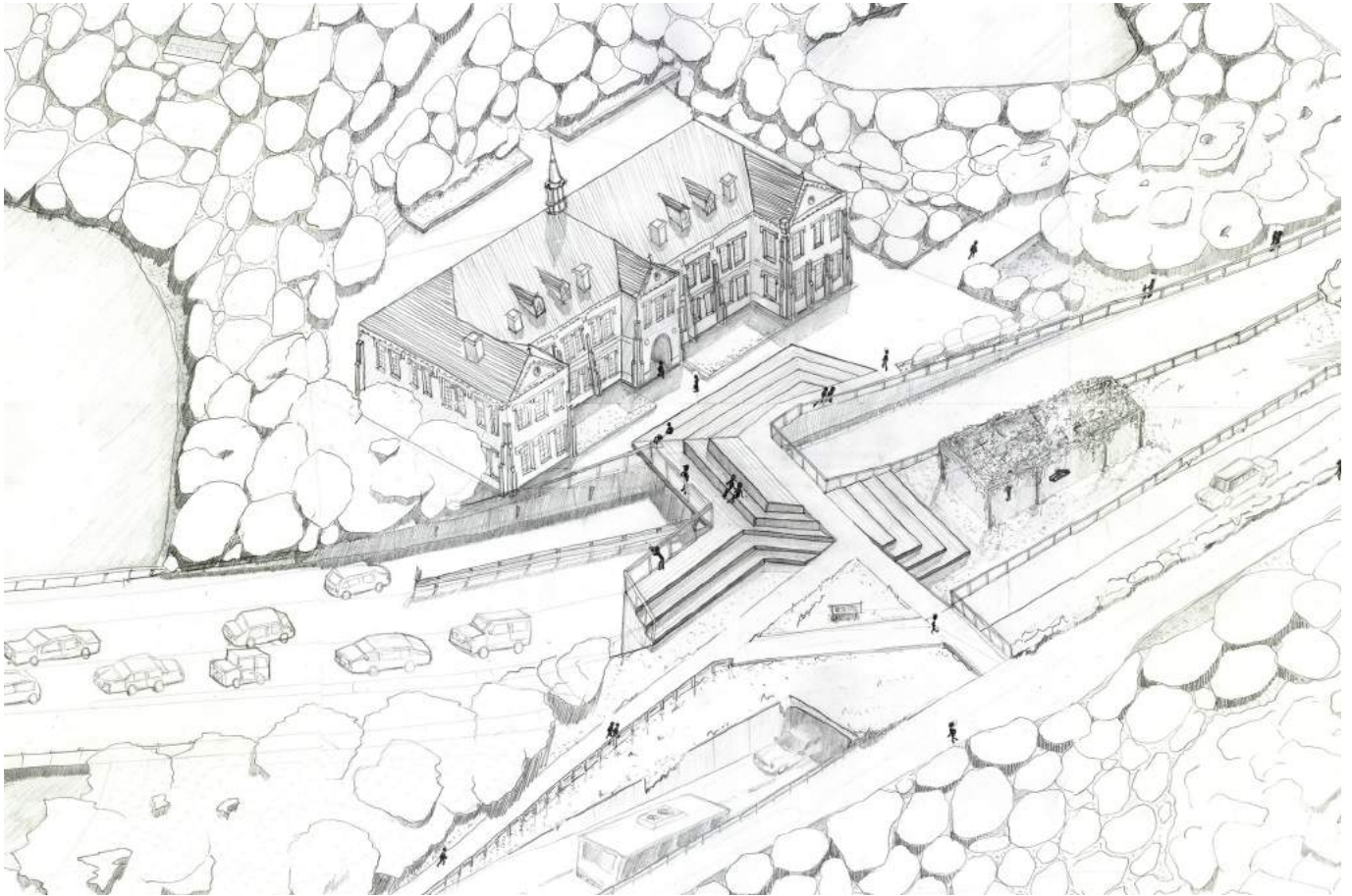


1. Cancellation of the "border road"



3. Cancellation of the "border road": New space of connection

Second Intervention: Re-bridge



Proposal of a new bridge-common space for pedestrians and runners. Physical connection of the two Parks.