

YONSEI STUDIO-X (Architectural Design Studio 3&5)

Unit 4 by Jeeseon Lim

Collectiveness as Architectural Form ver 2.0



Collectiveness as Architectural Form Ver 1.0 / Yonsei Architecture / Studio X - 04 / 2024-2

Unit Master:

임지선 **Jeeseon Lim** BSc AADipl ARB RIBA

Jeeseon Lim received the AA Diploma from AA School in London, UK after studying architectural engineering at Yonsei University in Seoul, Korea. Prior to setting up Workshop Lim, she gained a wide range of experiences on architecture/interior projects at global practices such as FOA, Zaha Hadid Architects and Woods Bagot in London. She led the design team for various projects as an Associate at Studio Kyson in London. She has been teaching the architectural design studios at Korea University since September 2022 and at Yonsei University since March 2023. She is a registered architect in the UK.

Unit Agenda:

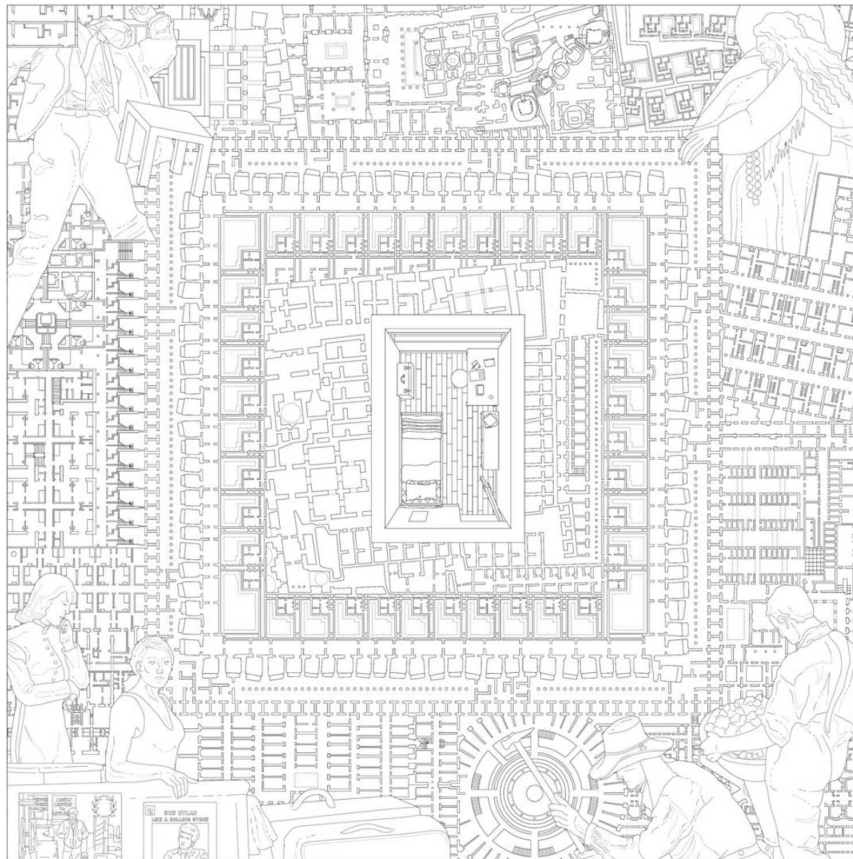
주제//

Collectiveness as Architectural Forms Ver 2.0

This semester, the studio will explore architectural ‘*Type & Typology*’ as a research / design tool and the concept of ‘*Vernacular*’ to embody them. This process will be structured around the theme of ‘*Collectiveness as Architectural Forms*’.

The term "collective" originates from Late Middle English, where it signified "representing many individuals," and traces its further roots to Old French "collectif," -ive, or Latin "collectivus," derived from "collect," meaning "gathered together." The methods of assembling disparate individuals are inherently diverse and multi-dimensional. This studio will explore the architectural and urban strategies necessary to bring together varied forms, functions, and user groups in a cohesive space. These explorations will critically engage with the socio-political, cultural, and environmental context of contemporary Korea, addressing how such factors inform and shape the collective experience in both architectural and urban realms.

Students are expected to analyze existing architectural types, challenge and transform them in search of new architectural forms of Collectiveness. Each student will identify key issues through rigorous research and analysis, ultimately generating a project brief that reflects their individual findings and conceptual approach.



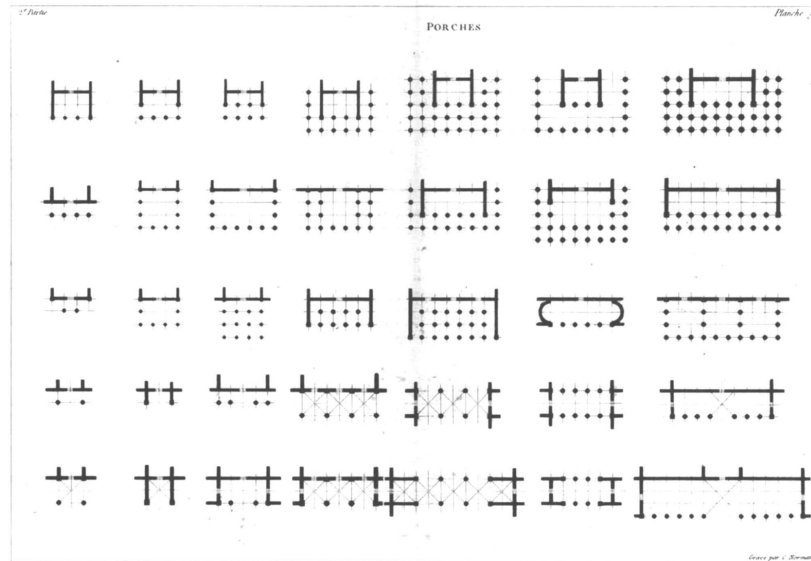
Ichnographia Cellae, 2020 © Dogma

Type & Typology

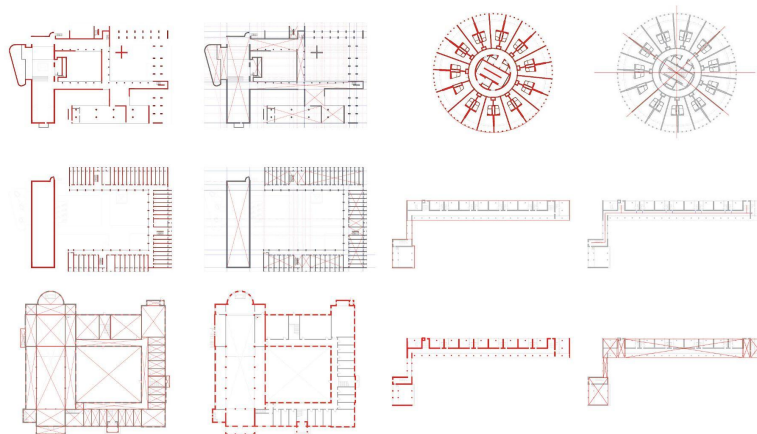
'To raise the question of typology in architecture is to raise a question of the nature of the architectural work itself.'

This is the opening sentence of the essay 'On Typology' written by the architect Rafael Moneo in 1978. Adopting Type & Typology as a tool for understanding architecture and cities means exploring the most fundamental elements in themselves. Through this process, a design strategy could be developed through the evolution and transformation of abstract types and the city is understood as an aggregate of various types.

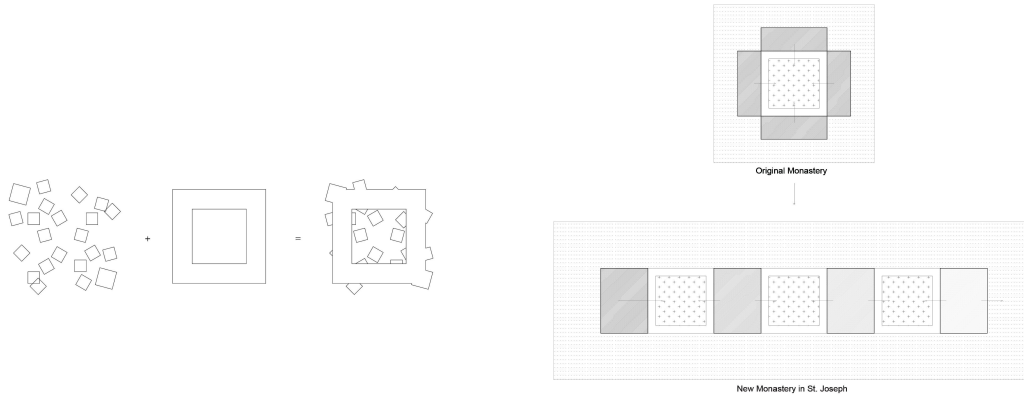
In 2025, the studio's agenda expands itself by adding the concept of 'Vernacular' to Rafael Moneo's 1978 statement



Plans for porches
Jean-Nicolas-Louis Durand 1809

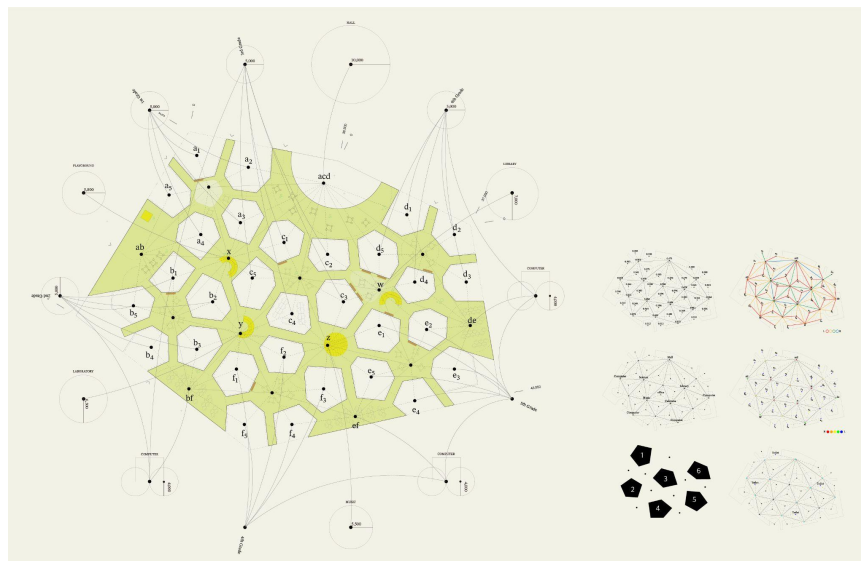
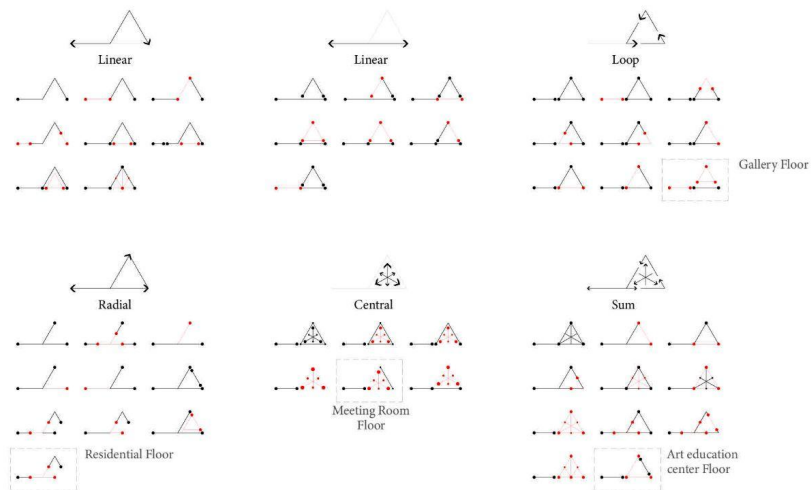


Typological Research
Yonsei Architecture / Studio X - 04 / 2024-2



Typological Change

Yonsei Architecture / Studio X - 04 / 2024-2



Typological Formation

Yonsei Architecture / Studio X - 04 / 2024-2 / 2023-2

The Vernacular

The concept of a "Borderless Planet" has recently been challenged by the rise of "Tightened Physical Borders", driven by the COVID-19 pandemic, climate change, and ongoing geopolitical conflicts. While technological advancements and global exchanges have maintained blurred non-physical boundaries—resulting in cities that increasingly resemble one another—the free movement of people and resources has become more restricted.

In this context, how should the concept of "Vernacular" be reinterpreted? Vernacular should be applied as an architectural strategy to materialise abstract concepts. This includes both physical and non-physical elements, where non-physical factors may influence new physical forms, and vice versa, with physical conditions shaping evolving socio-cultural contexts.

Students will be encouraged to experiment with specific structural or material systems to explore this dynamic interplay, producing a series of fragment models to test and refine their ideas.



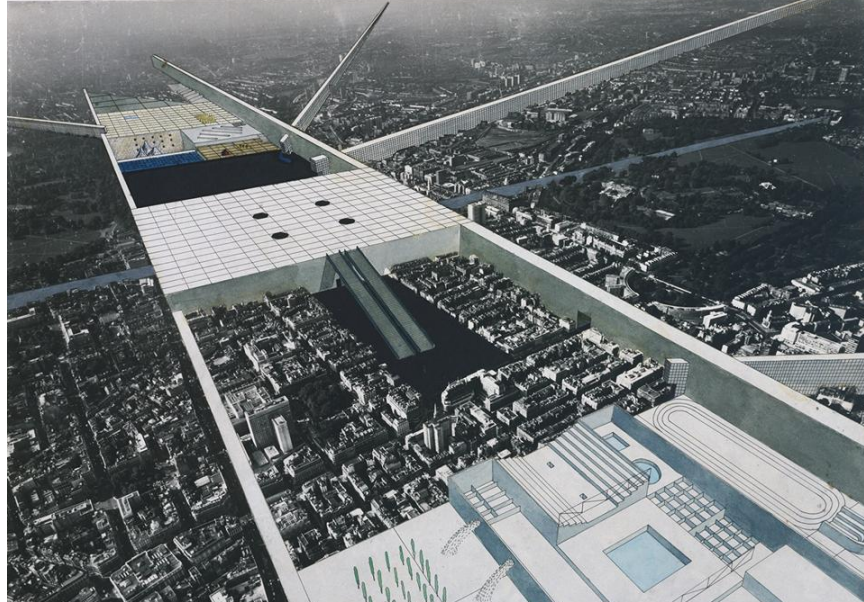
Model Iterations & Process models as part of research on Danish building culture
Thi & Dencker Arkitekter



Fragment Models
Yonsei Architecture / Studio X - 05 / 2023-2

Idea for the City

As a conclusion of each student's project, this should be an urban manifesto that opens up broader questions and prompts deeper reflection on the role of architecture in shaping the future of cities.



Exodus, or the Voluntary Prisoners of Architecture: The Strip (Aerial Perspective) 1972
Rem Koolhaas, Elia Zenghelis, Madelon Vriesendorp, Zoe Zenghelis



Yonsei Architecture / Studio X - 04 / 2024-2

Reading

Type & Typology

Rafael Moneo 'On Typology' in Rafael Moneo 1967-2004, El Croquis, 2004

Micha Bandini 'Typology as a form of convention' AA Files No. 6 (May 1984), pp. 73-82 (10 pages), Architectural Association School of Architecture

Christopher CM Lee & Kapil Gupta / Serie Architects 'Working In Series' AA Publications

'Typological Formations : Renewable Building Types & The City' edited by Christopher C.M.Lee & Sam Jacoby AA Diploma 6, AA Publications <https://issuu.com/projective/docs/typoformations>

Anthony Vidler 'The Third Typology' Oppositions 7 (Winter 1976): 1-4.

<https://www.architectural-review.com/essays/typology>

<http://thecityasaproject.org/2011/08/type/>

Pier Vittorio Aureli 'Architecture & Abstraction' The MIT Press, Oct 2023

Typology Hong Kong, Rome, New York, Buenos Aires. Review No. II Edited by Emanuel Christ, Victoria Easton, Christoph Gantenbein Park Books 2012

Typology Paris, Delhi, São Paulo, Athens. Review No. III Edited by Emanuel Christ, Victoria Easton, Christoph Gantenbein, Cloé Gattig Park Books 2015

The Vernacular & Materiality

Kenneth Frampton 'Towards a critical regionalism 6 points for an Architecture of Resistance'

Alejandro Zaera-Polo 'Politics of Envelope', The Sniper's Log: Architectural Chronicles of Generation-X, 2013 Actar

Alejandro Zaera Polo & Jeffrey S.Anderson 'The Ecologies of the building envelope' 2021 ACTAR

Lina Bo Bardi: Material Ideologies edited by Monica Ponce de Leon, Princeton University Press

백진 '건축과 기후윤리 Architecture as the Ethics of Climate' 이유헌출판 2023

하라켄야 '저공비행, 또다른 디자인 풍경' 안그라픽스 2023

'감' 시리즈 8APPLE

Housing & Mixed Use Architecture

Social housing : definitions & design exemplars by Paul Karakusevic, Abigail Batchelor, RIBA Publishing 2019

Typology+ : innovative residential architecture

Peter Ebner, Eva Herrmann, Roman Röhlbacher, Markus Kuntscher, Ulrike Wietzorrek, Birkhäuser Architecture 2009

Floor Plan Manual Housing Edited by Oliver Heckmann and Friederike Schneider, Birkhäuser 2018

Housing Atlas: Europe - 20th Century by Orsina Simona Pierini, Mark Swenarton, Dick van Gemenen Lund Humphries 2024

박철수 '거주박물지' 마티 2017

박철수 '한국주택 유전자 I, II' 마티 2021

박철수 '아파트: 공적 냉소와 사적 정열이 지배하는 사회' 마티 2013

전남일, 양세화, 홍형욱, 손세관 저 '한국주거의 사회사 / 공간사 / 미시사' 돌베개 2008

황두진 '가장 도시적인 삶 - 무지개떡 건축 탐사 프로젝트' 반비 2017

임지은 '숨겨진 공간: 한국의 시장상가아파트 127' 새서울 2024

방부, 진교진 'MRMU : MID-RISE MIX-USE' 시공문화사 2023

Teaching Methods

방법// 교육부와 학교본부의 방침에 따라 변경될 수 있으나, 대면수업을 위주로 진행한다.

Studio course consists of face-to-face lectures, individual tutorials, seminars, workshops, presentations and field trips.

The 16-week class will be conducted in three stages: Briefing, Type & Typology, and Idea for the City.

- Briefing: Create your own project brief based on the site research/analysis and case studies. Related text seminars and drawing workshops will be conducted in parallel.
- Type & Typology : The precedents collected from research are synthesized and analyzed typologically to extract abstract forms of 'Type', to establish design strategies leading to develop architectural design. Produce drawings and models using 2D/3D tools. Experimentation with a variety of materials and methods is encouraged.
- Idea for the City: Presents a vision for the city by testing potentials of architectural proposals in the urban scale. This could be represented strategically through models or collages. If necessary, model making workshops can be conducted.

Expected Outcome

결과물//

A portfolio filled with deliverables for each stage, such as research, case study analysis, drawings and physical models will be the final output. The key drawings, a series of fragment models and the collage of Idea for the City will follow the studio-specific format, which has important value as the result of not only individual work but also the collective work of the studio.

*Students are expected to produce high quality drawings and well-crafted physical models. Please review your skills and try to improve if necessary.

Evaluation

평가//

Attendance / participation / group work / compliance with deadlines for submissions / midterm and final review deliverables are included in the evaluation, and the criteria listed below are also reflected as reference.

- Ability to understand research and analysis methods and use them to create original project briefs
- Ability to observe the surrounding built environment and document the findings in his/her own way
- Ability to find architectural issues in the urban context and respond to them architecturally
- Ability to apply a range of communication methods and media to present design proposals clearly and effectively
- Ability to understand the materials, processes and techniques that apply to architectural design and building construction

Unit 지원자들에게 알림

This studio will be a place for future architects to learn from each other. We welcome all those who want to explore the city in the frame of architectural typology and observe the vernacular architecture with all their senses, and very much look forward to working together.

* 본 과목은 고등교육혁신원 사회혁신가 인증 교과목에 해당하며, 수업과정 중 사회혁신 및 사회문제 해결과 관련한 내용의 강의 및 실습이 함께 포함됩니다. 학기 초와 학기 말 고등교육혁신원 주관 학생 인식조사가 실시될 수 있으며, 수업 내 학생 제출 결과물 중 일부는 고등교육혁신원에서 추후 사회혁신활동 결과물로 활용될 수 있습니다.