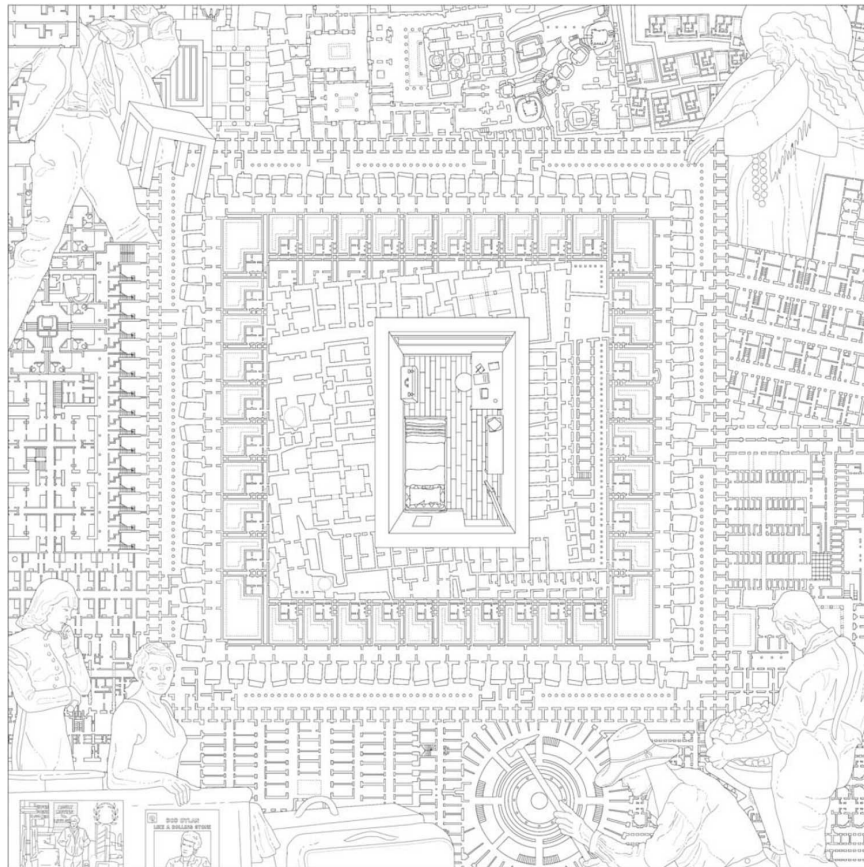


YONSEI STUDIO-X (Architectural Design Studio 4&6)

Unit 4 by Jeeseon Lim

Collectiveness as Architectural Form



Ichnographia Cellae, 2020
© Dogma

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:

Collectiveness as Architectural Form

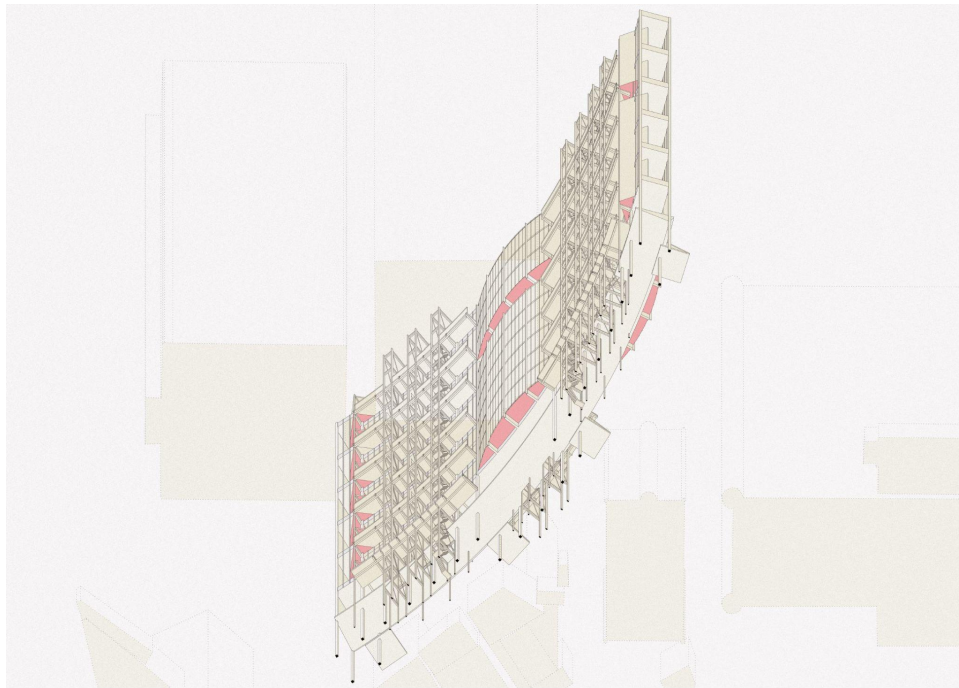
How can architecture as a 'whole' be broken down into 'individual' elements? How do a series of 'individual' elements in architecture form a 'whole'? Should these 'individual' elements be homogeneous? Can they be heterogeneous? How can these elements be connected and separated? What kind of hierarchy or order would help define their organization? Can a specific organizational logic in architecture be extended to the city? Conversely, can the organizational logic of the city penetrate into architecture? Should architecture, as independent and individual 'whole' within urban fabric, take on a specific form? What impact might specific architectural strategies have on the physical and social systems of the city?

This semester, the studio begins with these series of questions.

The articulation of 'Collectiveness as Architectural Form' will be structured around architectural 'type & typology' and the concept of 'vernacular'. Type & Typology will serve as a design tool for extracting abstract ideas and developing them into architectural strategies. Students will analyze existing architectural types from various perspectives such as structure, geometry, and circulation, challenge them, develop strategies, and discover new architectural types.

The concept of 'Vernacular' will be addressed in the materialization of these new architectural types. Each student will identify the most urgent urban, socio-cultural, and environmental issues surrounding their chosen site and define their own 'Vernacular'. These elements may be physical or non-physical, with non-physical elements potentially defining new physical conditions, or physical conditions creating new socio-cultural contexts.

The interplay between abstraction through Type & Typology and materialization through Vernacular will lead to further articulation. Each project will be concluded with an 'Idea for the City,' serving as a manifesto that integrates the architectural proposal into the city.



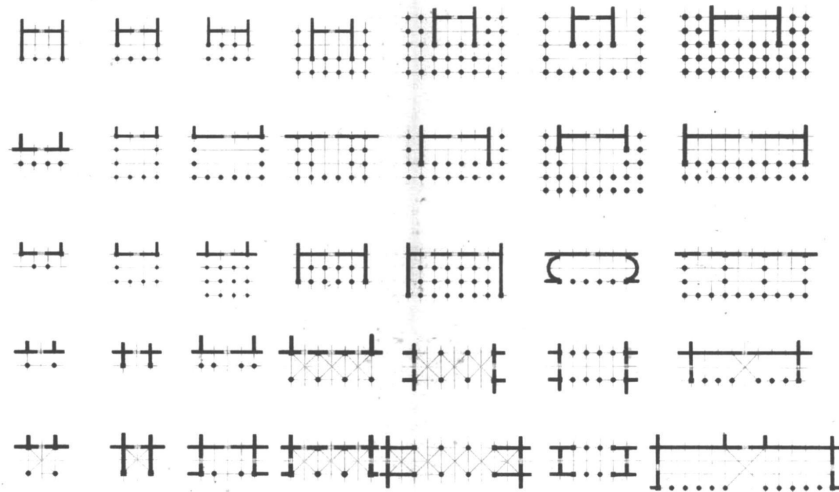
Social Housing, Seosomun
Yonsei Architecture / Studio X - 04 / 2024-1
© Sanghoon Bae

Type & Typology

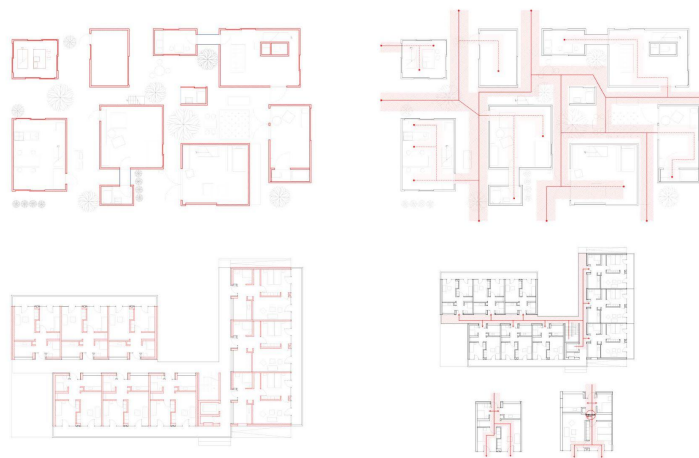
'To raise the question of typology in architecture is to raise a question of the nature of the architectural work itself.'

This is the opening sentence of the essay 'On Typology' written by the architect Rafael Moneo in 1978. Here, type is not a criterion for classifying buildings according to use or program, but can be defined as a concept that is the essence of the form / structure / functionality of architecture. Adopting Type & Typology as a tool for understanding architecture and cities means exploring the most fundamental elements that lead certain structures to function in certain ways. 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 types.

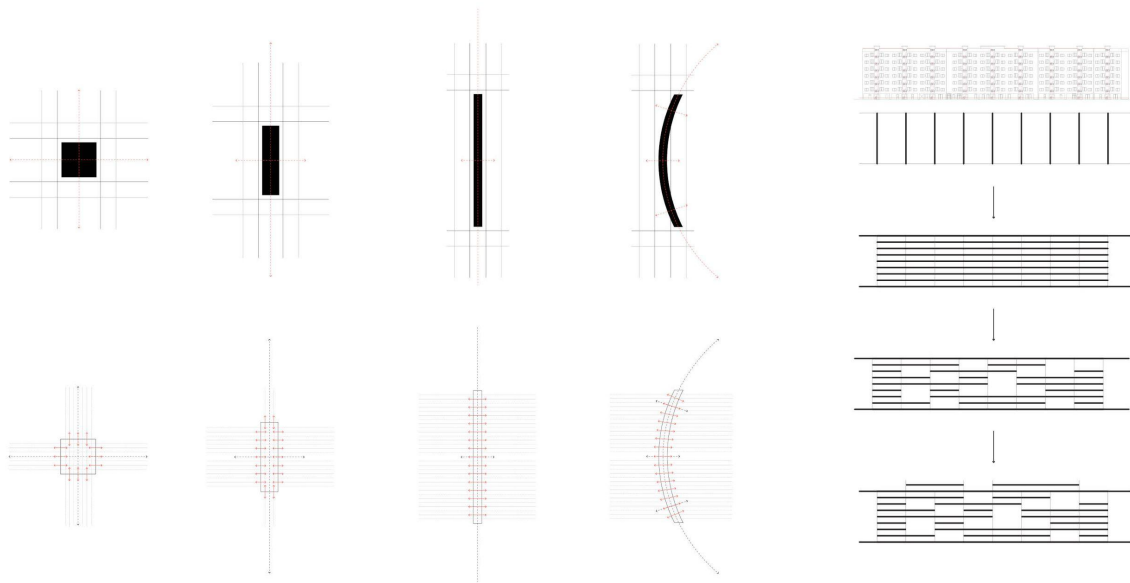
In 2024, the studio's agenda expands itself by adding the concept of 'Vernacular' to Rafael Moneo's 1978 statement.



Plans for porches
Jean-Nicolas-Louis Durand 1809

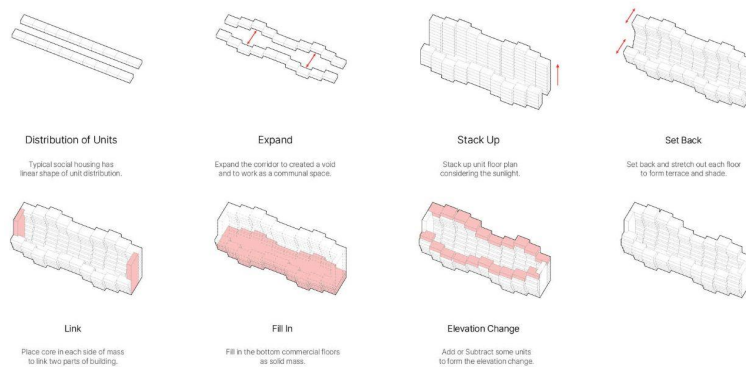


Case Study
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Typological Change
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		n = 1		n = 2				n = 3				
		2250	1000	4500	3000	2000	1000	9000	7000	5000	3000	1000
8 × 5	closed											
	opened											
5 × 8	closed											
	opened											
		1400		3500	2000	1000		7000	5000	3000	1000	
		n = 1		n = 2				n = 3				



Typological Formation
Yonsei Architecture / Studio X - 04 / 2024-1
© Minso Kim

The Vernacular

‘A Borderless Planet’ has recently encountered the phenomenon of ‘Tightened physical Borders’ due to the Covid-19 pandemic, climate change caused by global warming, and wars in Russia and the Middle East. While technological advances and active exchanges have kept non-physical boundaries still blurred, and the appearance of major cities has become similar worldwide, the physical movement of people and resources is no longer as free as it once was.

In this context, how should the concept of ‘Vernacular’ be applied? The materialization of abstract types through the idea of ‘Vernacular’ should be an architectural strategy. This process will consider the urban, social, cultural, and economic aspects of the region as identified by each student. Specific structural or material systems may be experimented in this process. Students will be encouraged to create a series of fragment models to test their ideas both digitally and physically.



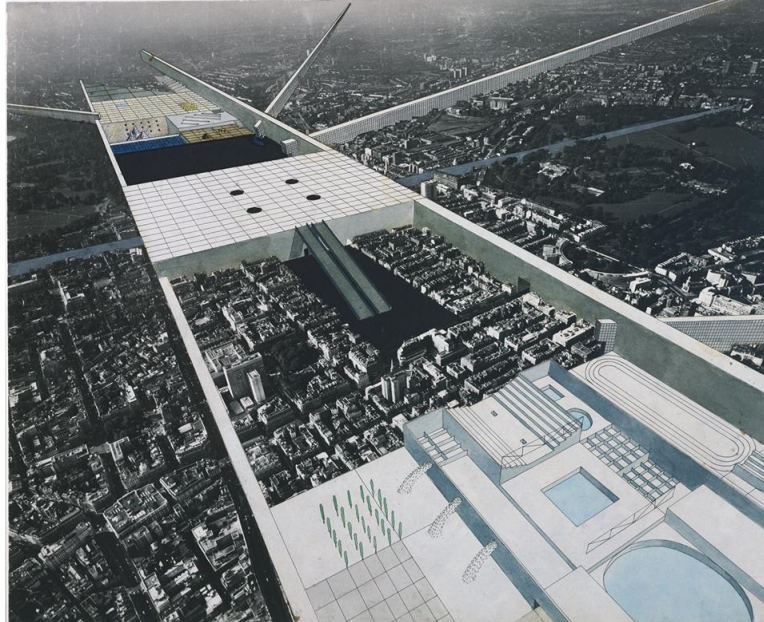
Bernd Becher, Hilla Becher. Framework Houses, 1959-73.
© 2018 Hilla Becher. Credits: MoMA



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

Idea for the City

'Idea for the City' is the conclusion to the student's individual project. As a test of the possibilities of the architectural proposal within the urban fabric, it should serve more as each student's manifesto for the city.



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



Udayan Mazumdar, Airport Visualisation, Zero Ground, Mumbai, India
Diploma Unit 6, Architectural Association, London 2008

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

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

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

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

Drawing / Representation

Sam Jacoby 'Drawing Architecture and the Urban' WILEY

Farshid Moussavi, 'The Function of Ornament'(2008), 'The Function of Form'(2009), 'The Function of Style'(2021),

ACTAR, Harvard Graduate School of Design

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 Architecture of 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.
- Architecture of the City: Abstract types are materialized through the idea of Vernacular. The resulting architectural proposals are then tested within the urban context. A vision for the city will 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 elements 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.