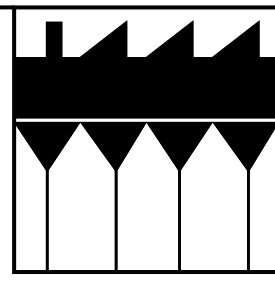
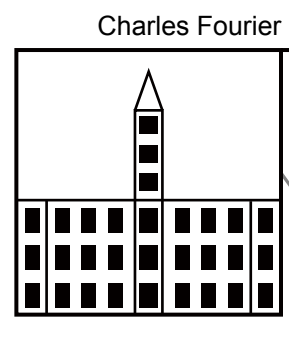


the Industrial Revolution

the division of builders and users

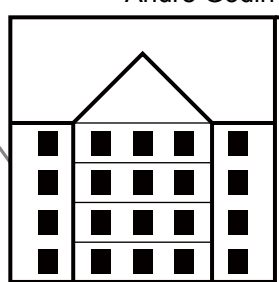


emergence of collective living



Charles Fourier

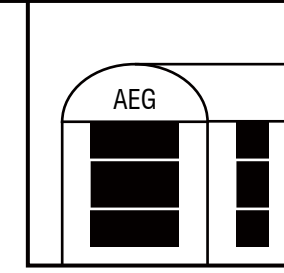
Phalanstery 1822



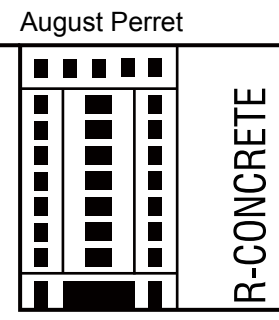
André Godin

Familistère 1856

Peter Behrens



Deutsche Werkbund



August Perret

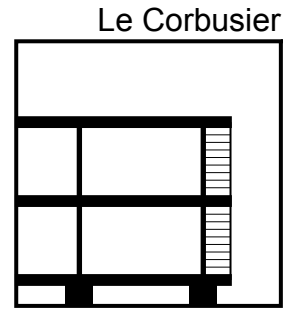
25 Rue Franklin 1902-1904

1910-1911

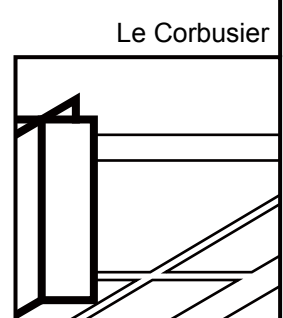
1908-1909

1908-1912

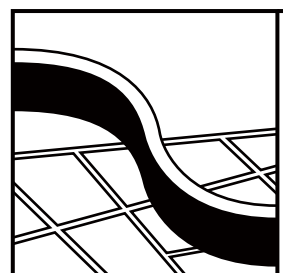
1908-1910



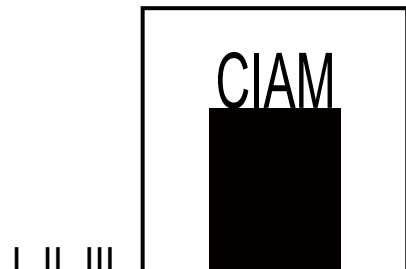
Dom-ino 1914-1915



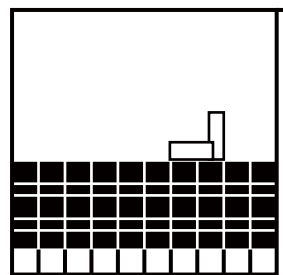
Ville Contemporaine 1922



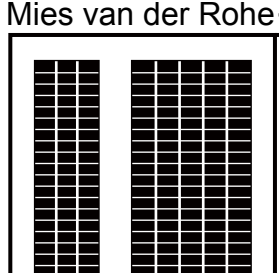
City Plan Obus 1933



I, II, III

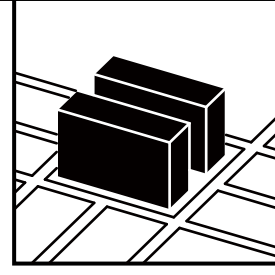


Unité d'Habitation 1947-1952

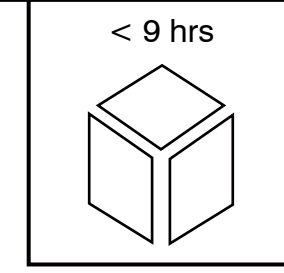


Lake Shore Drive Apartment 1949

the Second World War (end)

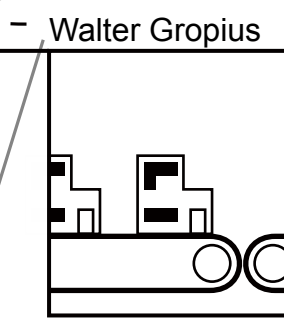


Urban Renewal

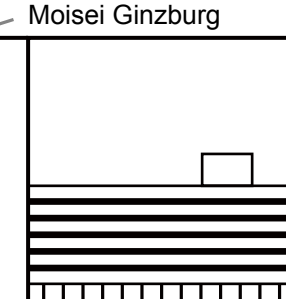


Packaged House 1941-1952

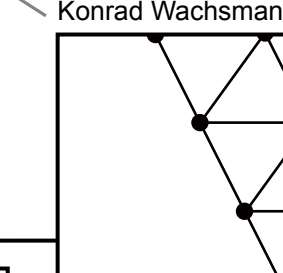
< 9 hrs



Minimum Dwelling 1929

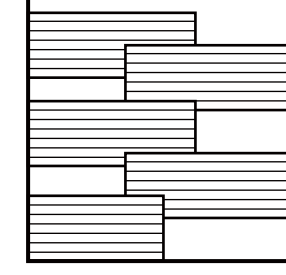


Narkomfin Building 1928-1930



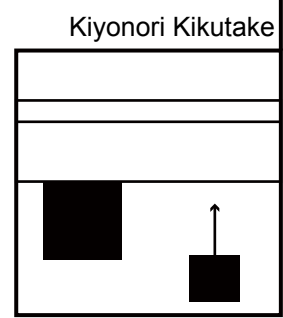
Space Frame 1951

Konrad Wachsmann

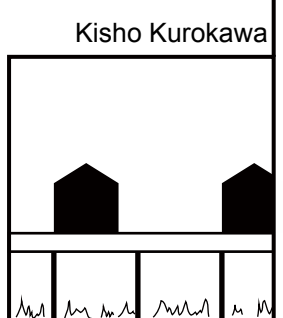


Public Housing in the USSR

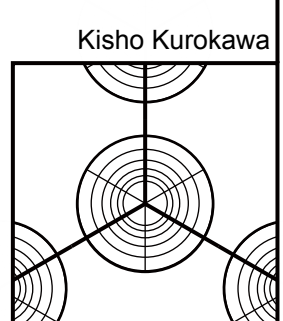
the Consumer Society



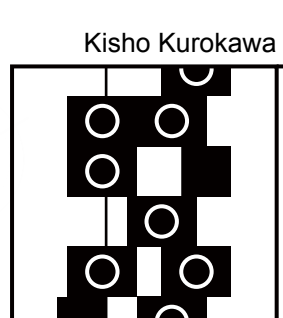
Sky House 1958



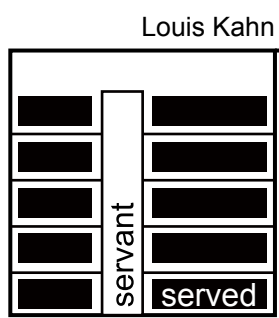
Agriculture City 1960



Helix City 1961



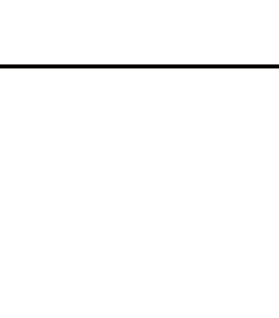
Nakagin Tower 1970-1972



Served and Servant Spaces 1965

Louis Kahn

servant served

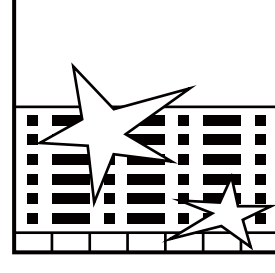


Stratiform Structure Module 1972

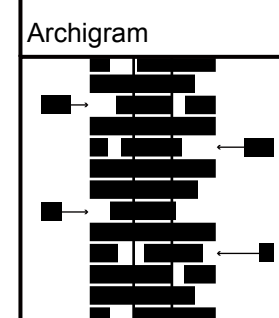
Kiyonori Kikutake

train cars

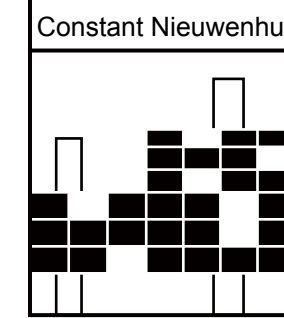
Richard Rogers



Pruitt-Igoe Explosion 1972

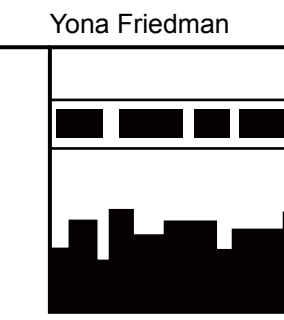


Plug-In City 1960-1974



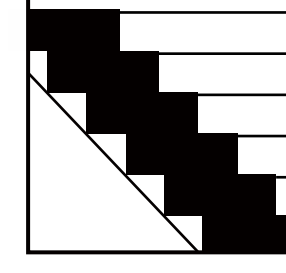
New Babylon 1959-1974

Constant Nieuwenhuys



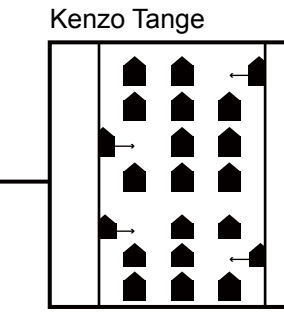
Spatial City 1958-1959

Yona Friedman



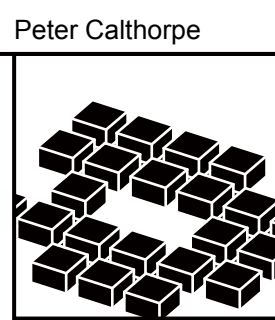
Golden Mile Complex 1973

Tay Kheng Soon



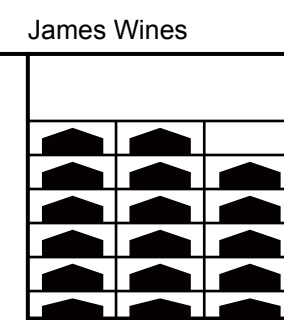
Temporary Hajj Village 1974

Kenzo Tange



New Urbanism

Peter Calthorpe



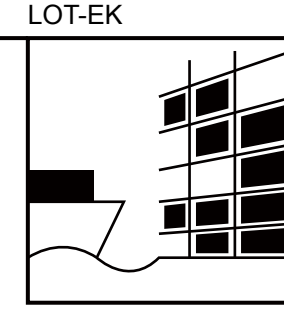
High Rise of Homes 1981

James Wines

the speeding-up Globalization



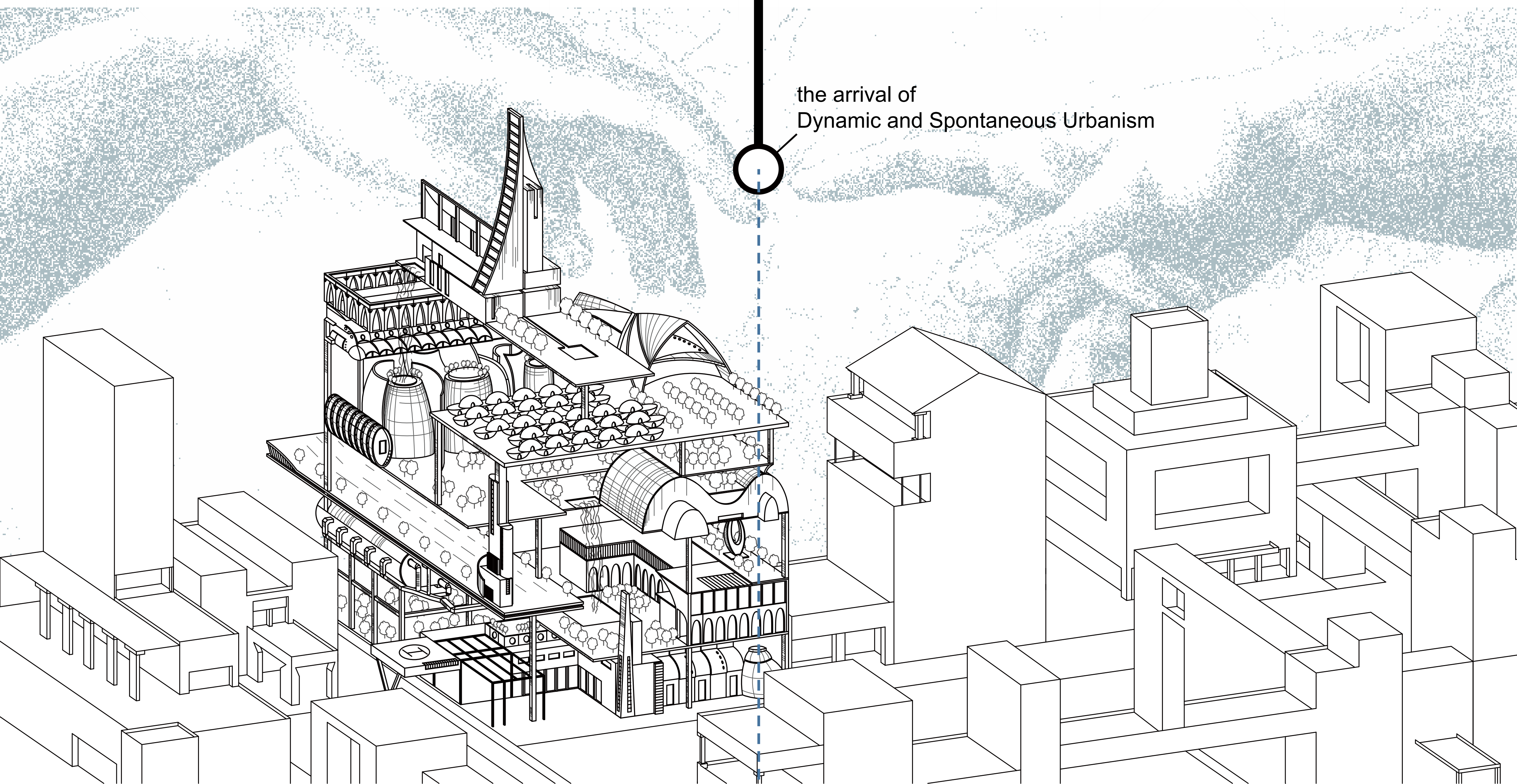
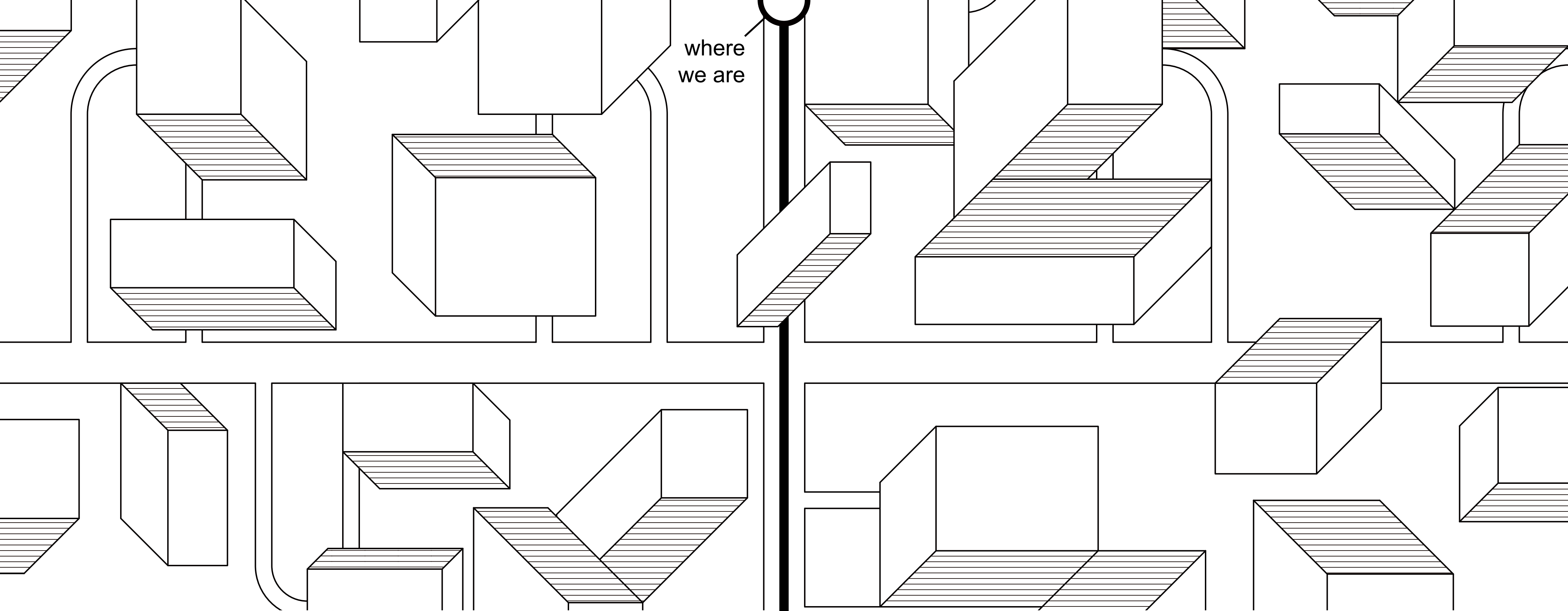
Chinese Urbanization Frenzy



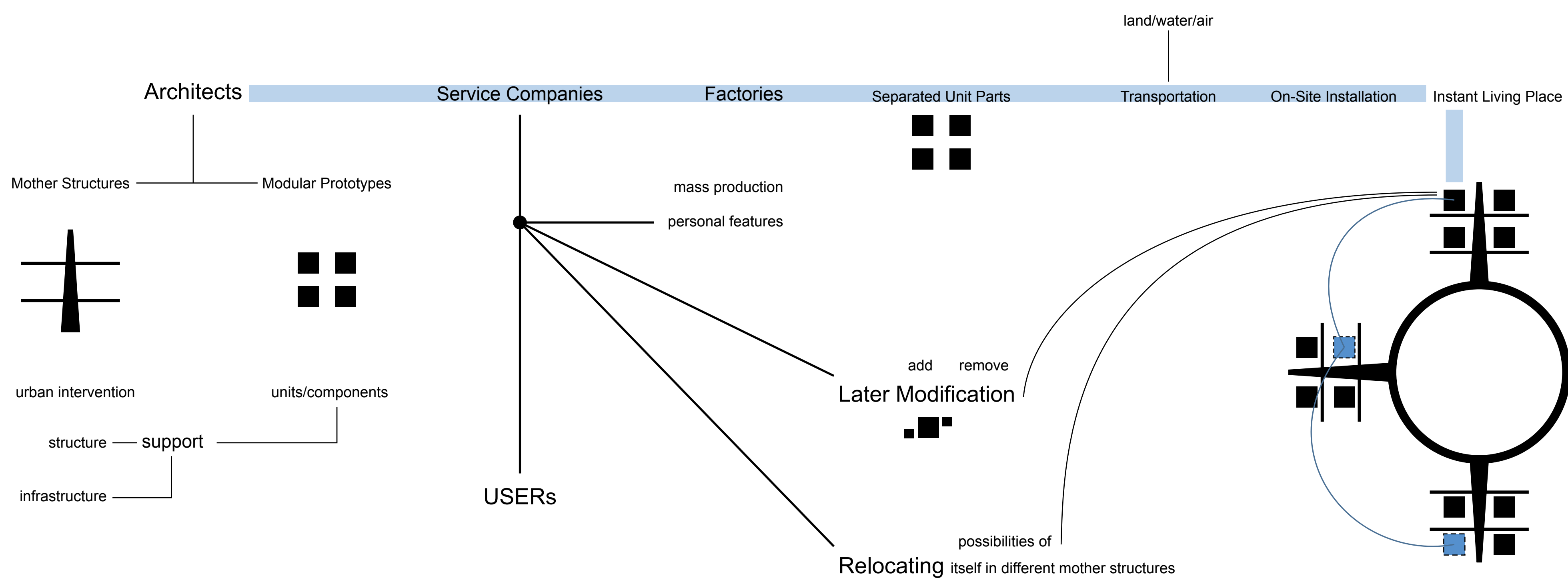
Modular Dwelling Unit 2003

LOT-EK

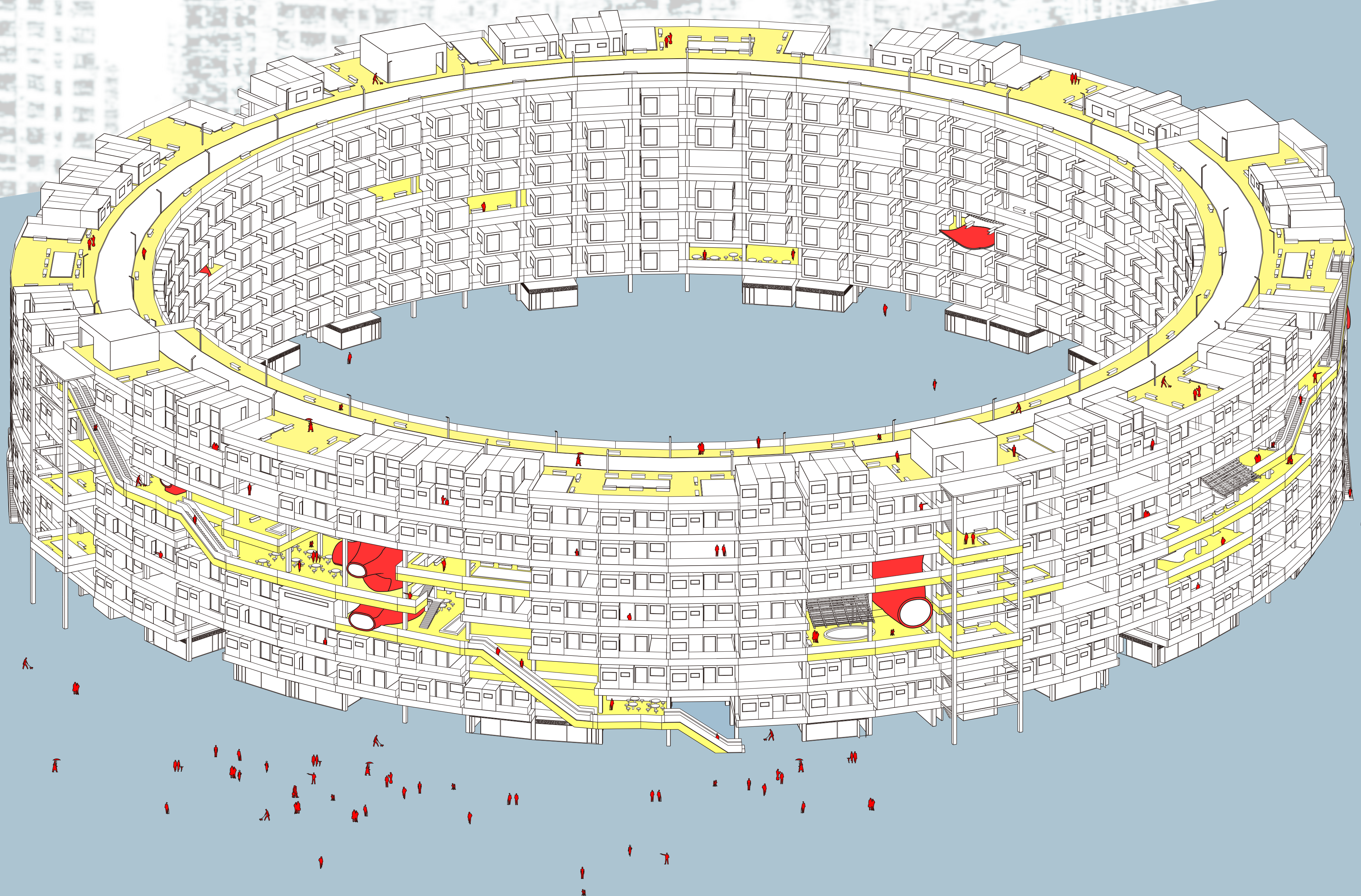
where we are



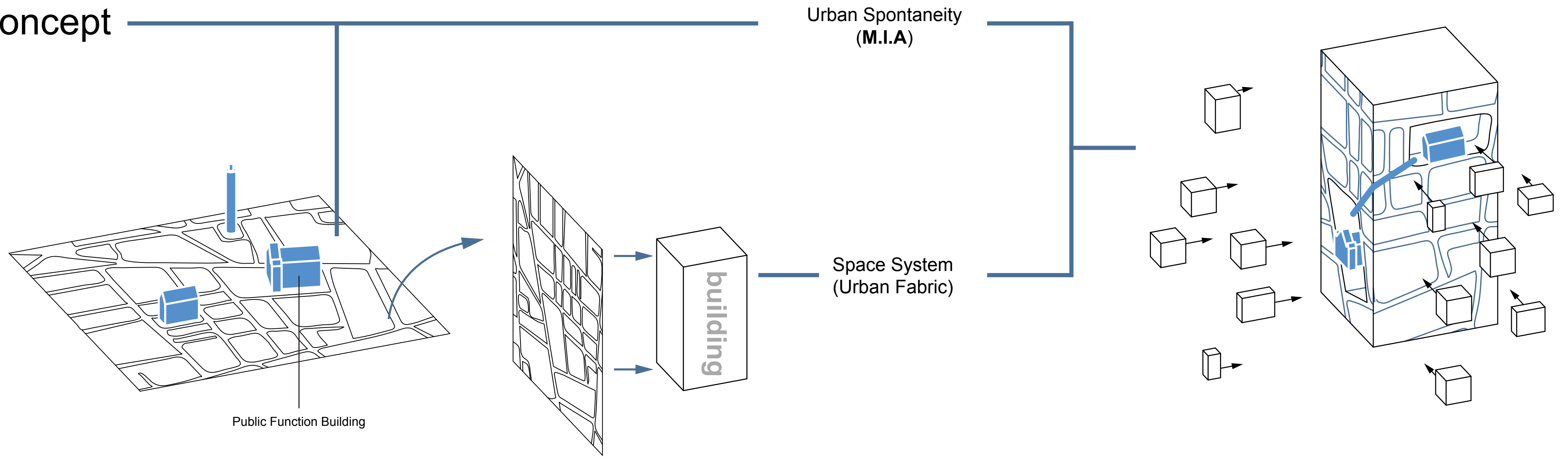
the **M**odular **I**ndustrialized **A**rchitecture



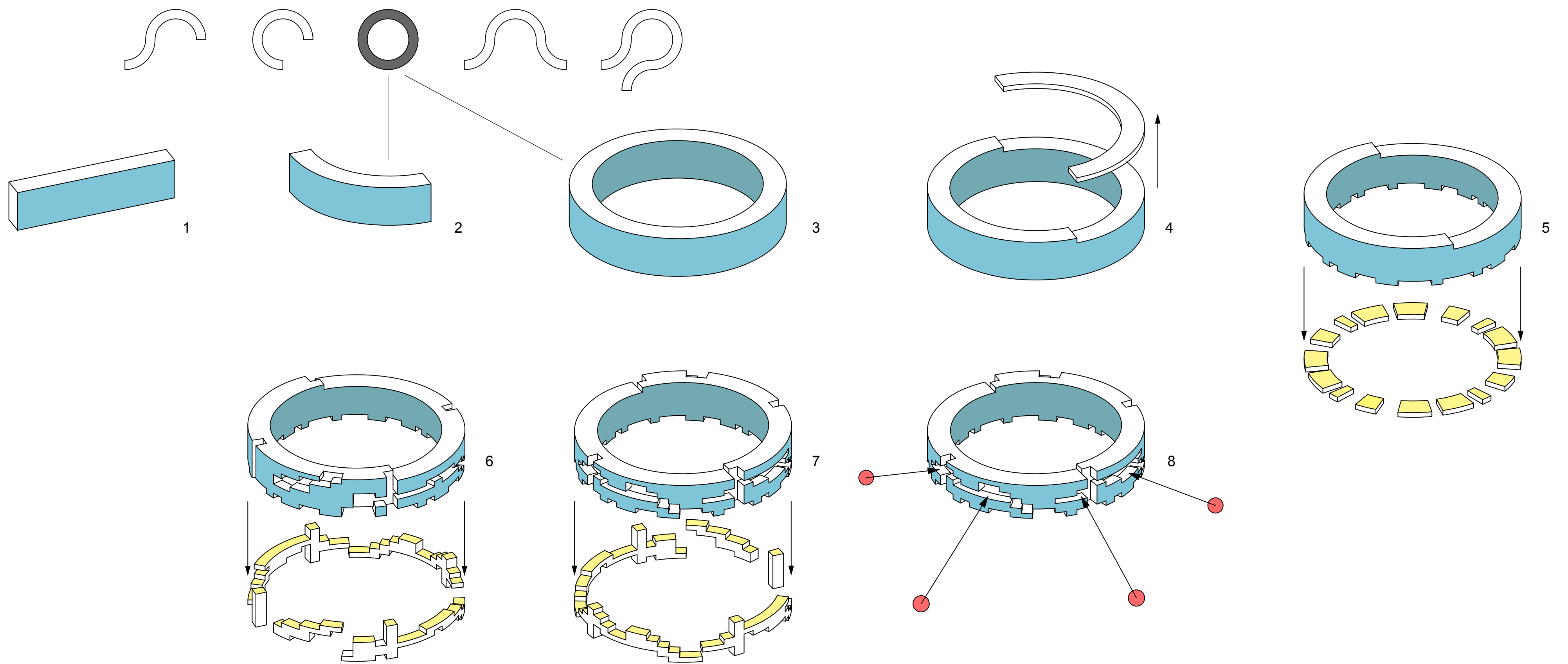
Project SHANGHAI



Concept

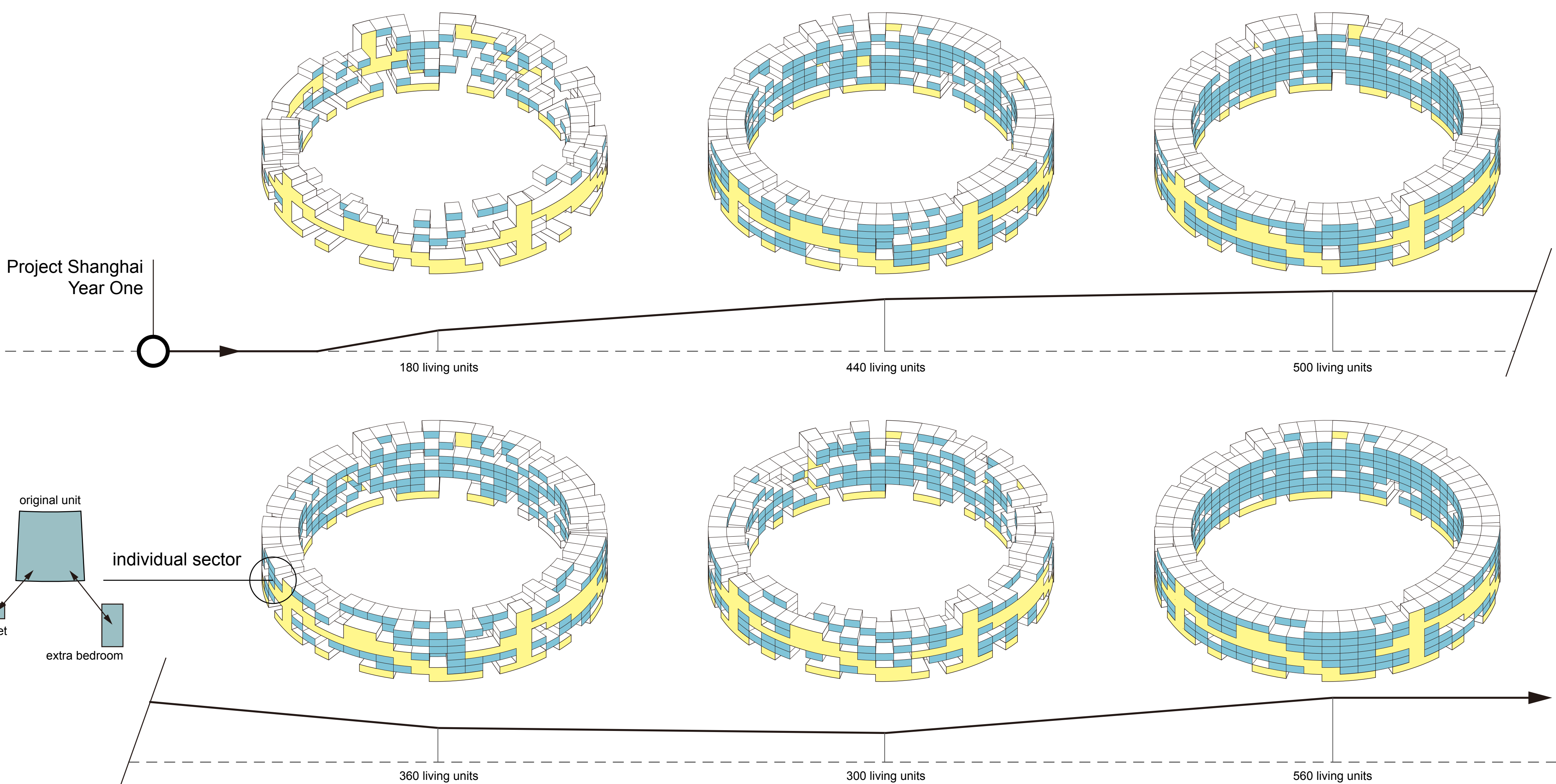


Morphogenesis

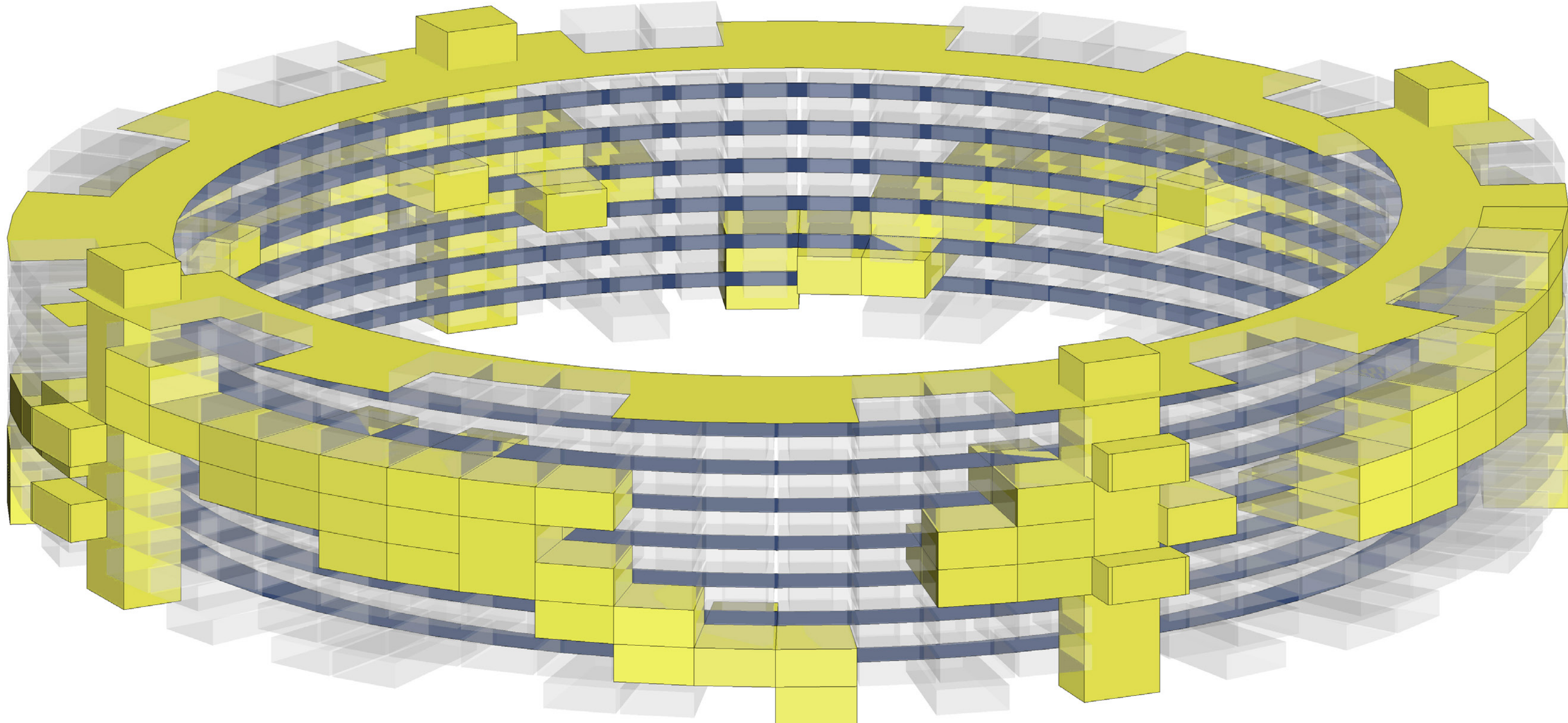


A Dynamic Living System

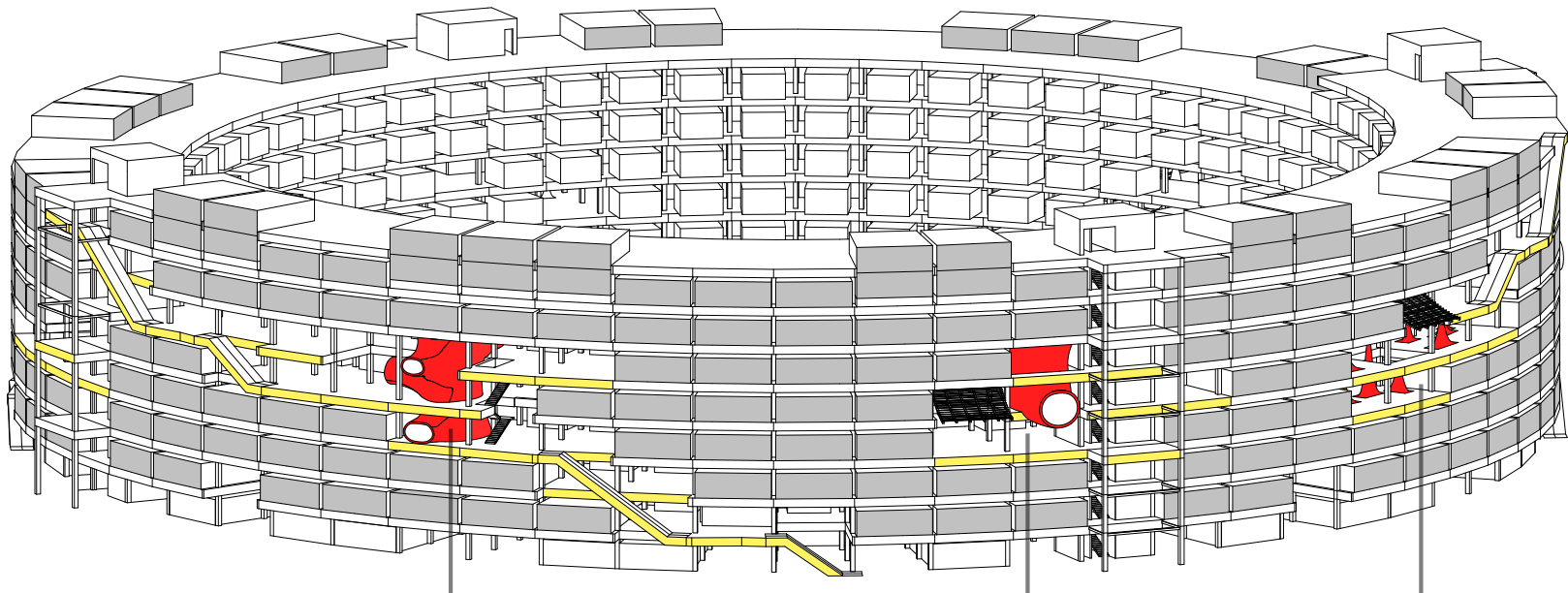
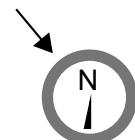
the simulation of area population change



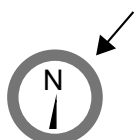
Continuous Public System



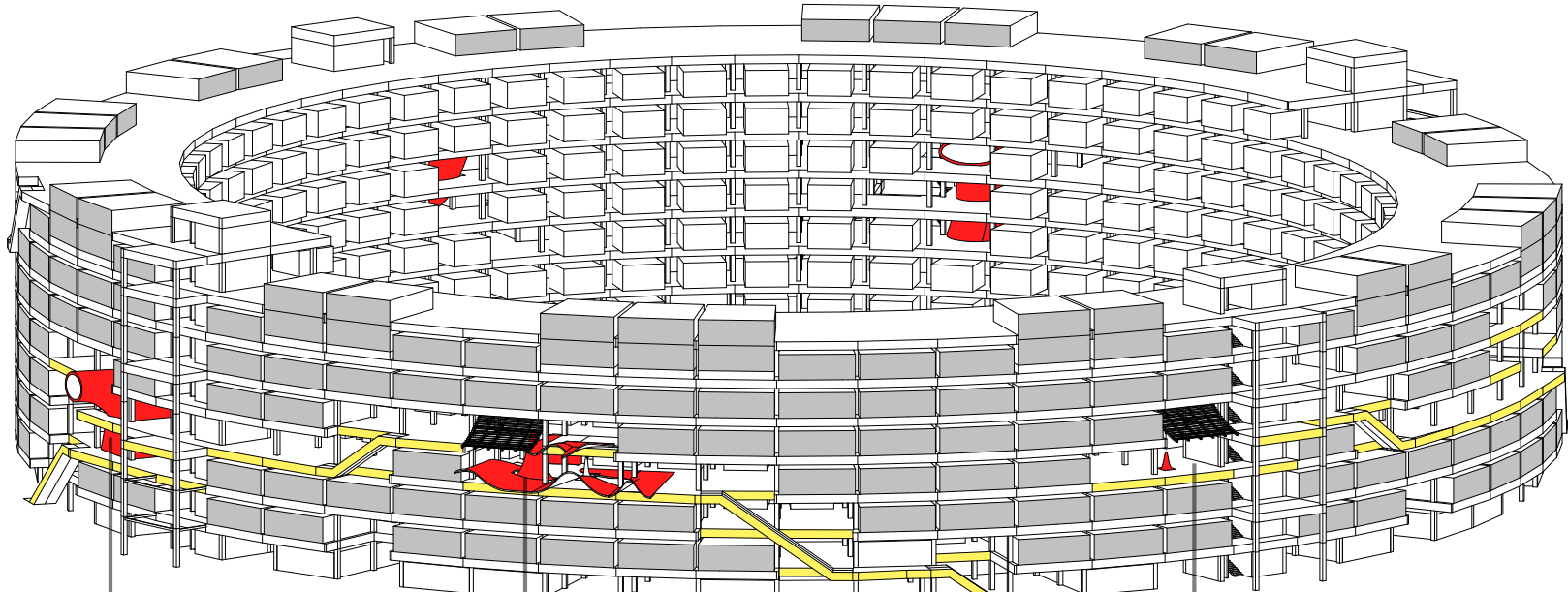
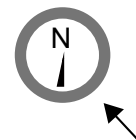
main public space



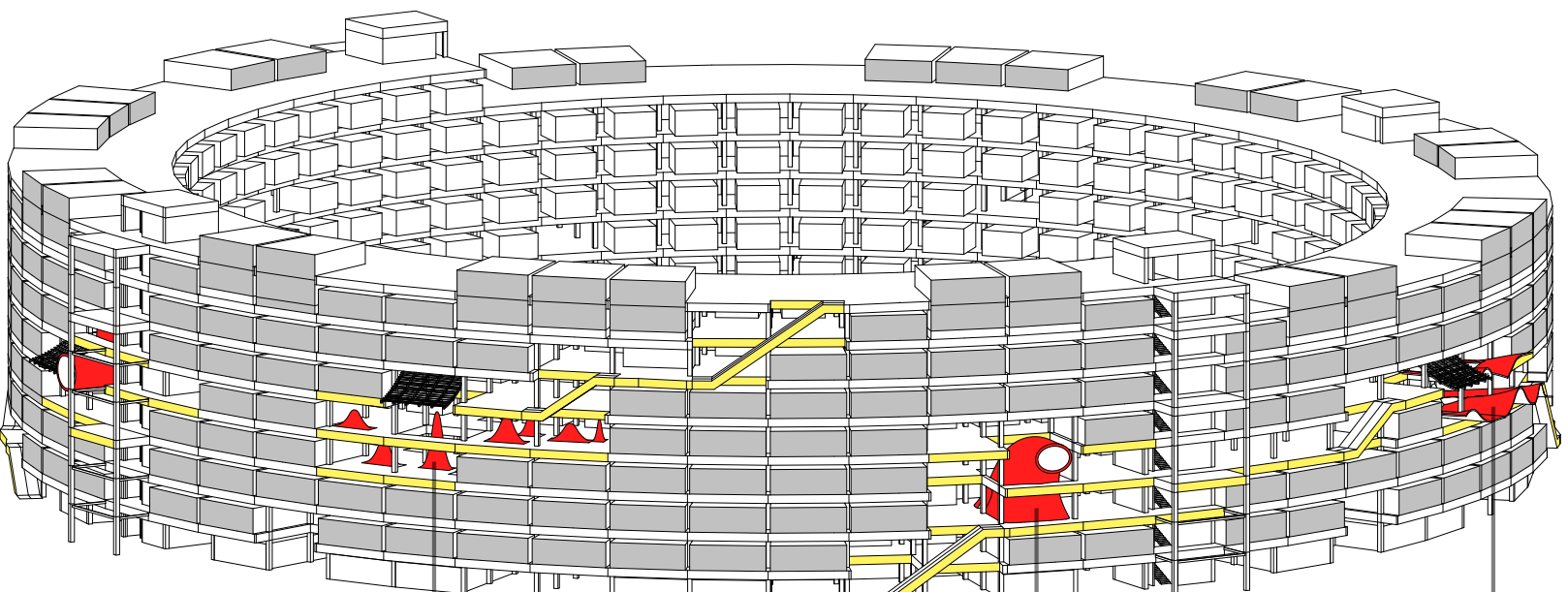
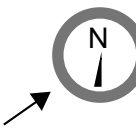
restaurant area cafe area mountain garden area



exhibition area: 2D/medias arts exhibition area: sculptures/installations restaurant area

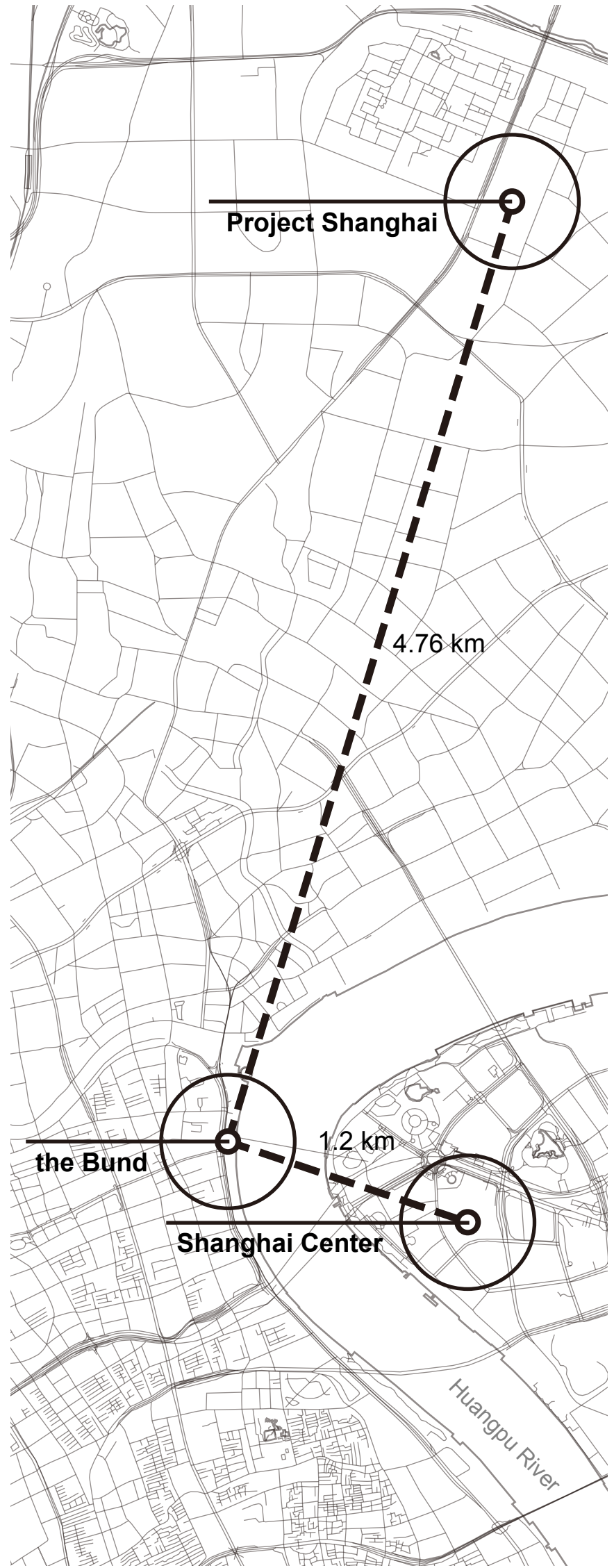


community office area neo-Chinese garden area dry garden area

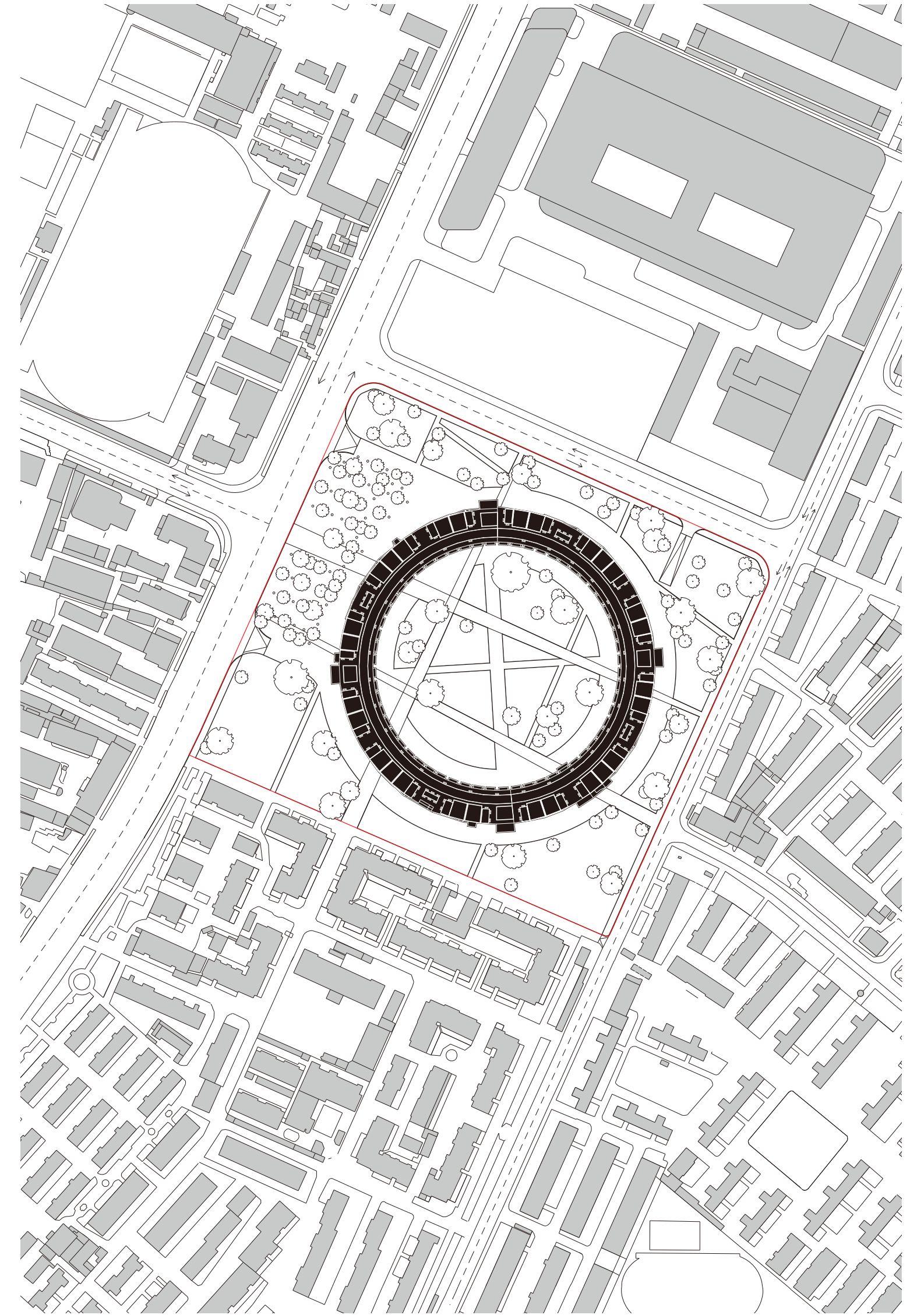
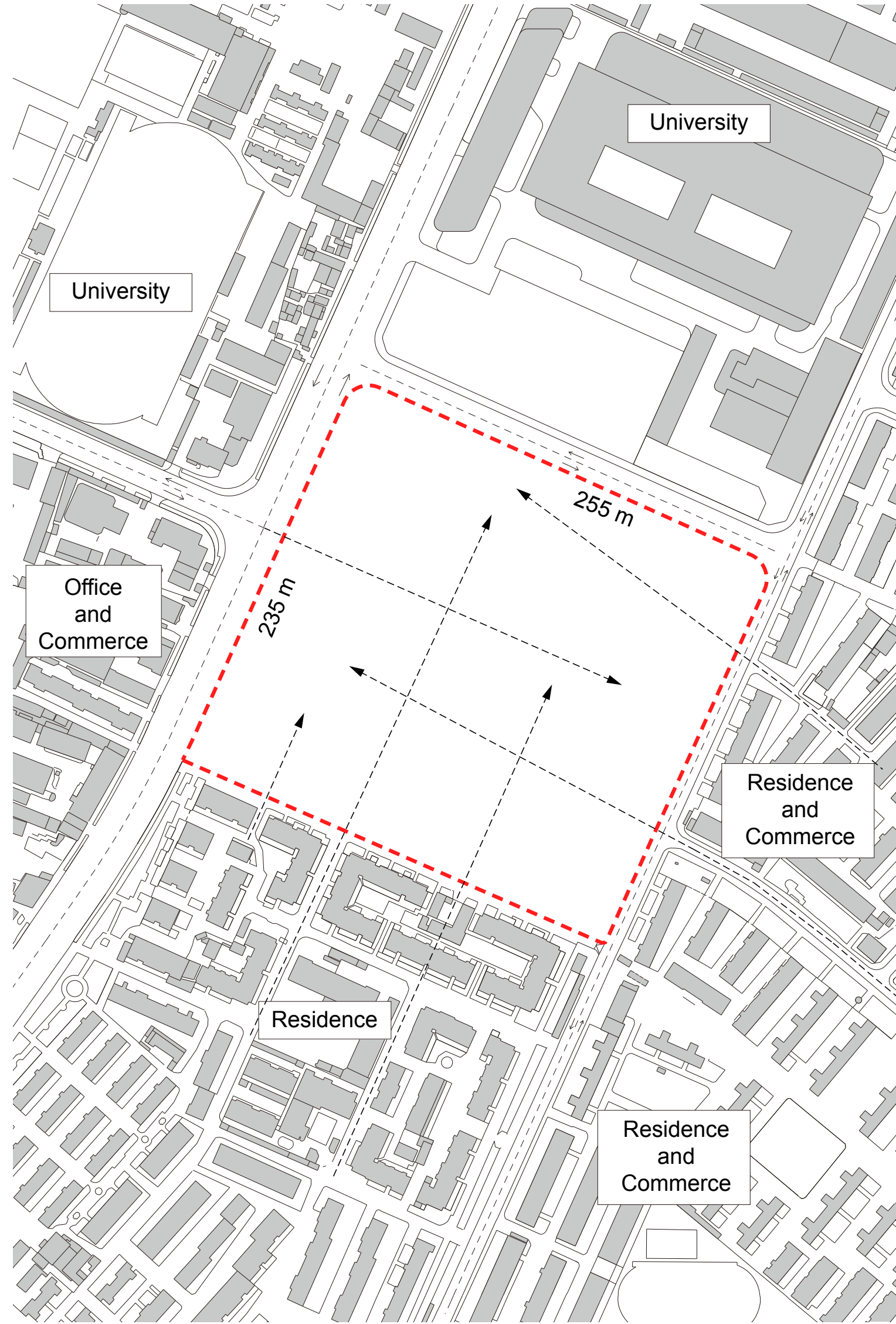


mountain garden area community office area neo-Chinese garden area

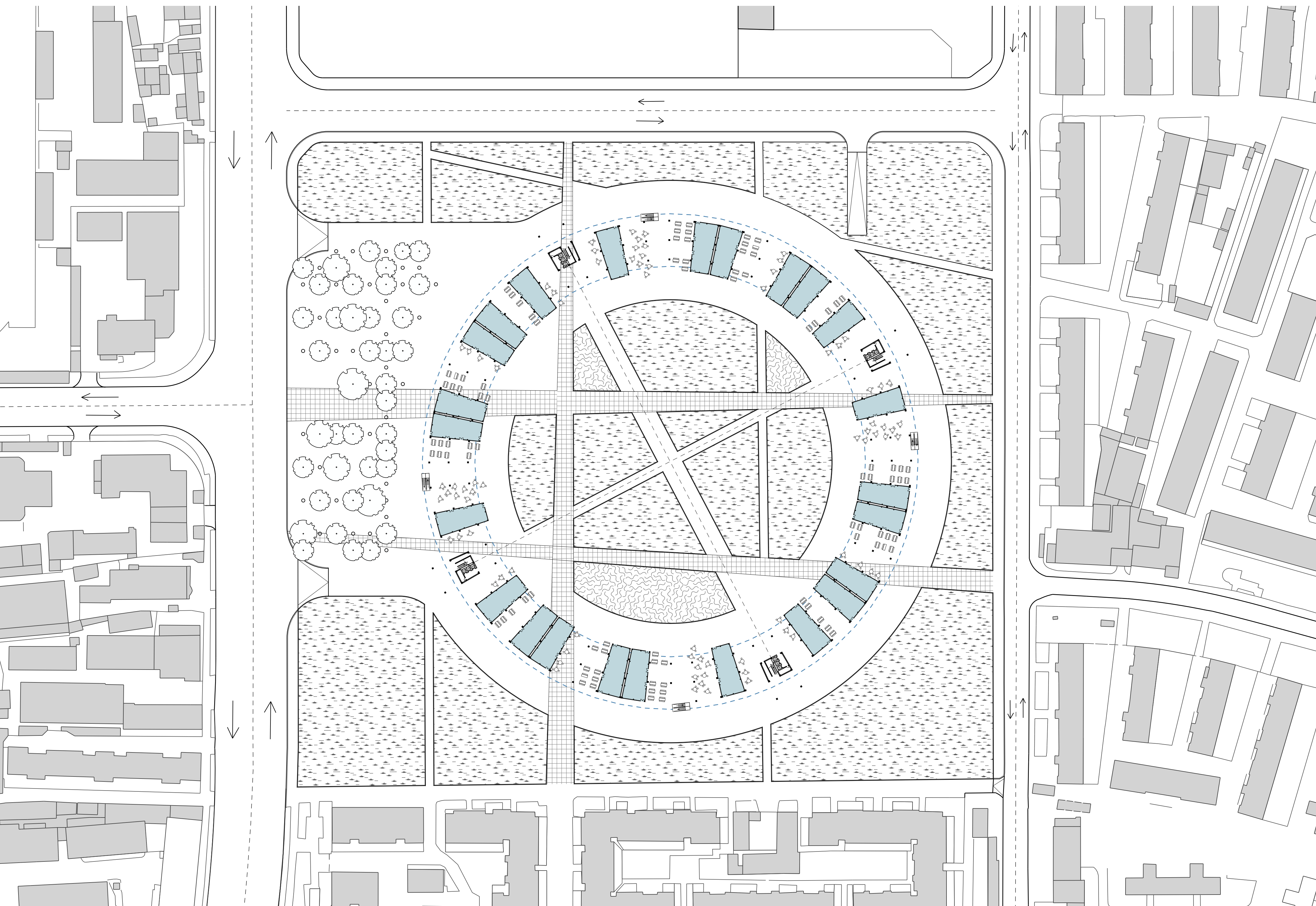
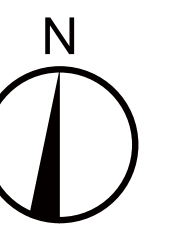
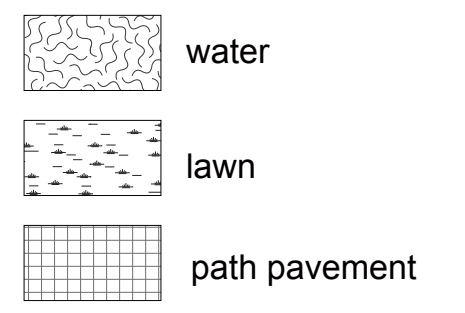
Urban Location



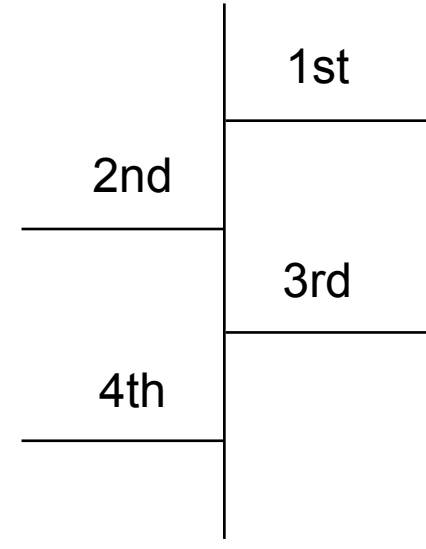
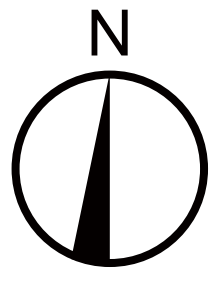
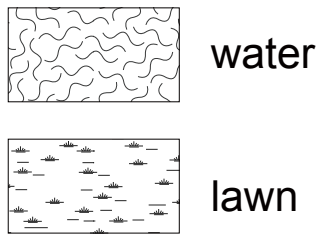
Master Plan 1:2500



Ground Floor Plan 1:800



Floor Plans 1:800



Roadside Cafe #1

Roadside Cafe #2

Roadside Cafe #3

70.5 m
88.5 m

Community Office Area

Restaurant Area

Exhibition Area #1:
sculptures/installations

Exhibition Area #2:
2D/media arts

Cafe Area

Dry Garden Area

Restaurant Area

Exhibition Area #1:
sculptures/installations

Exhibition Area #2:
2D/media arts

Mountain Garden Area

Neo-Chinese Garden Area

Cafe Area

Community Office Area

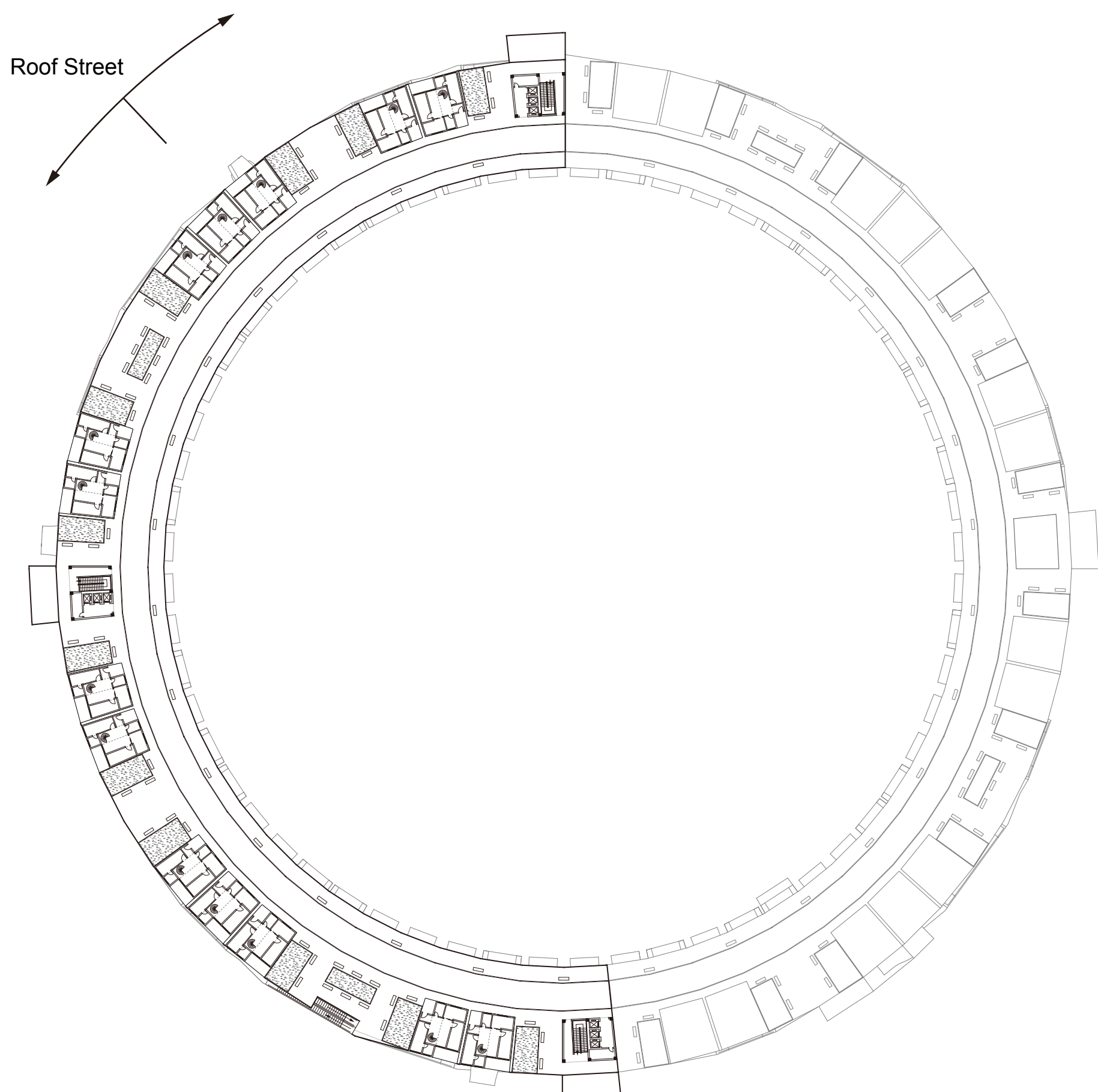
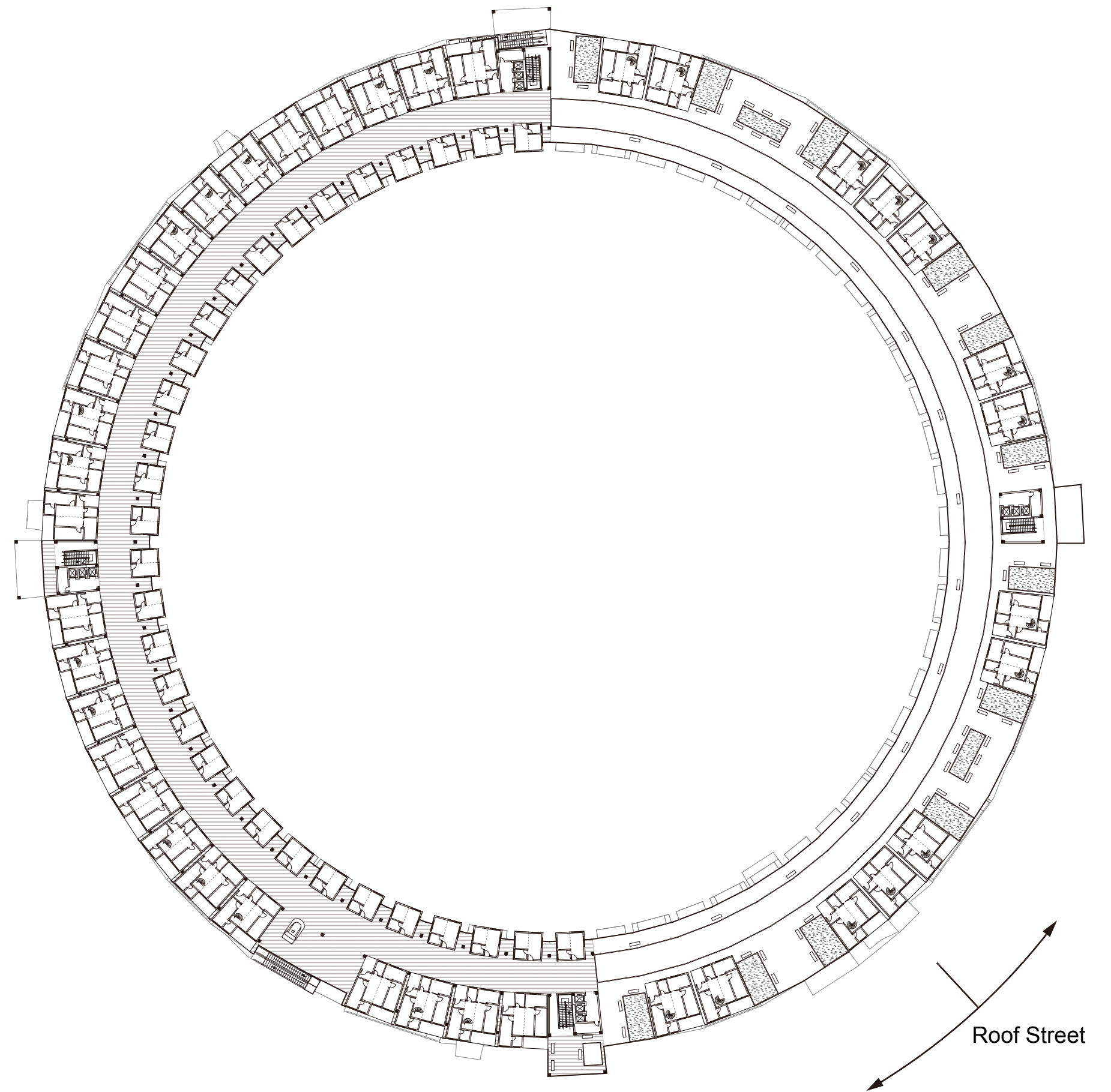
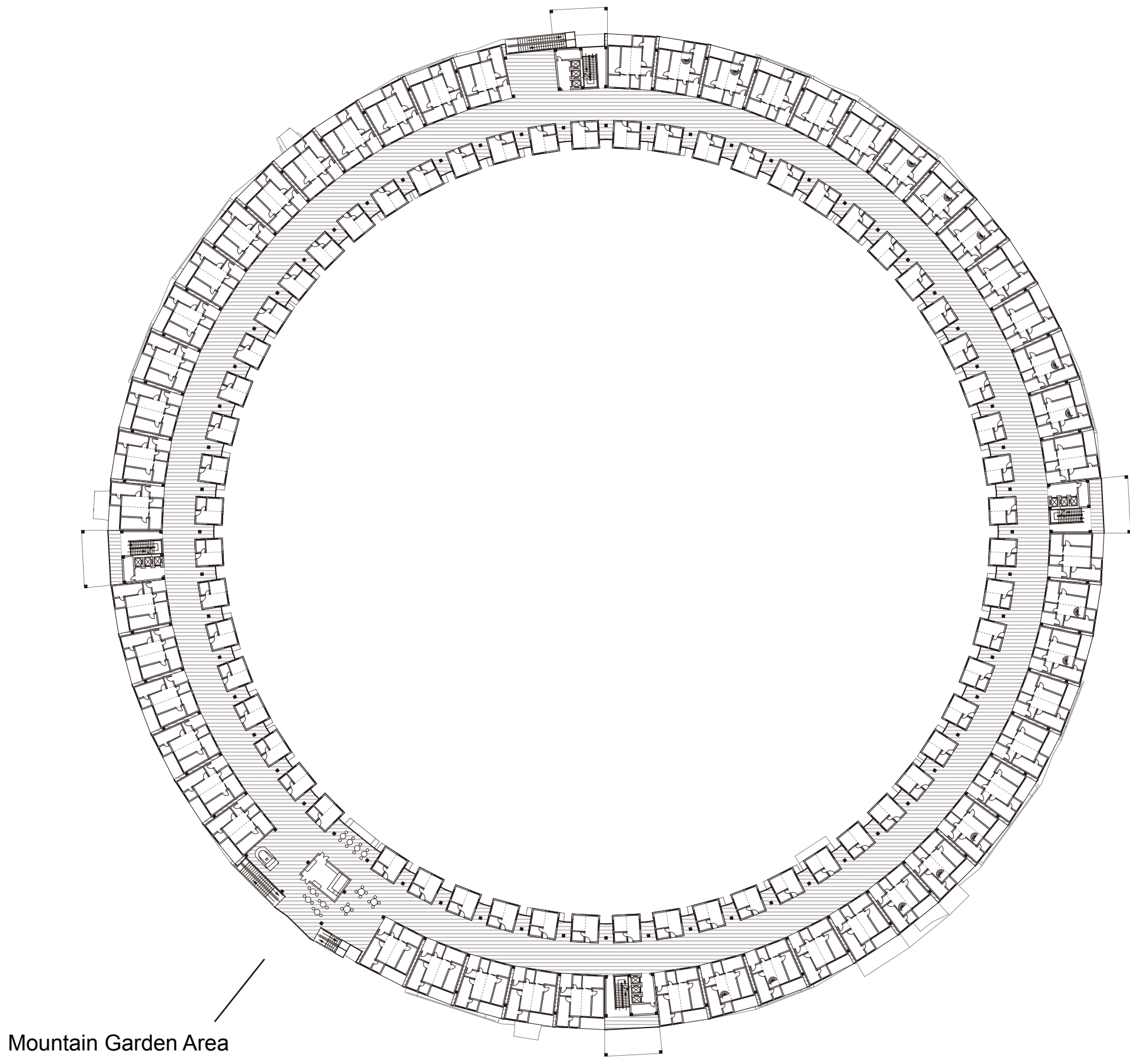
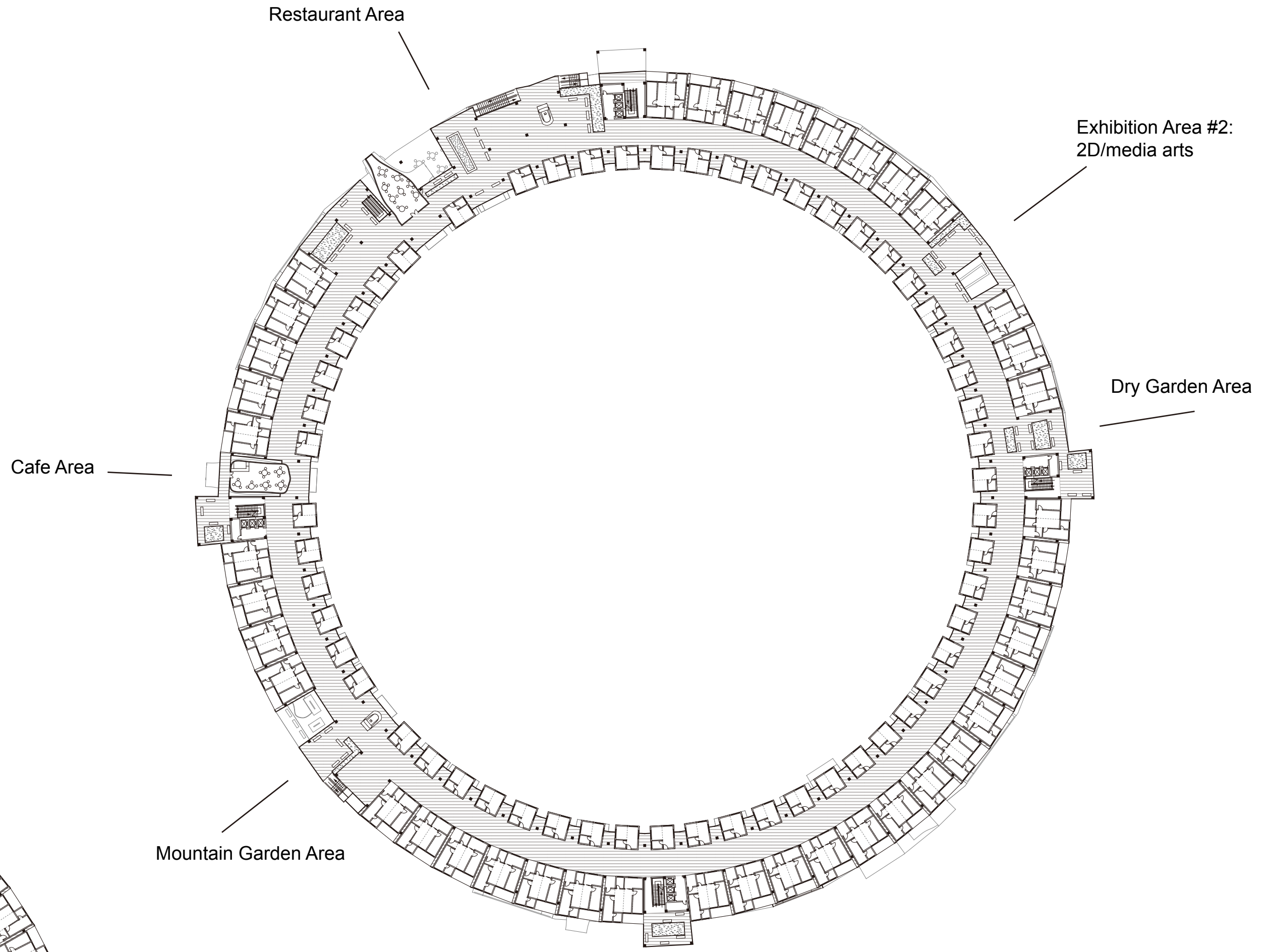
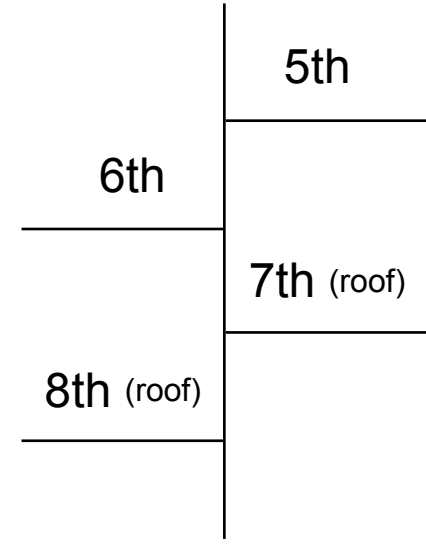
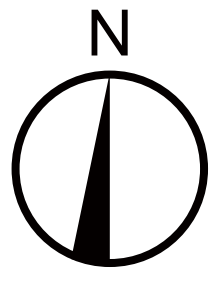
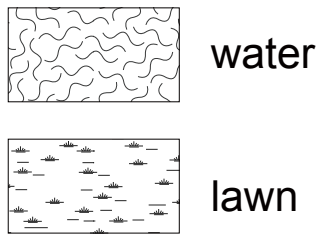
Dry Garden Area

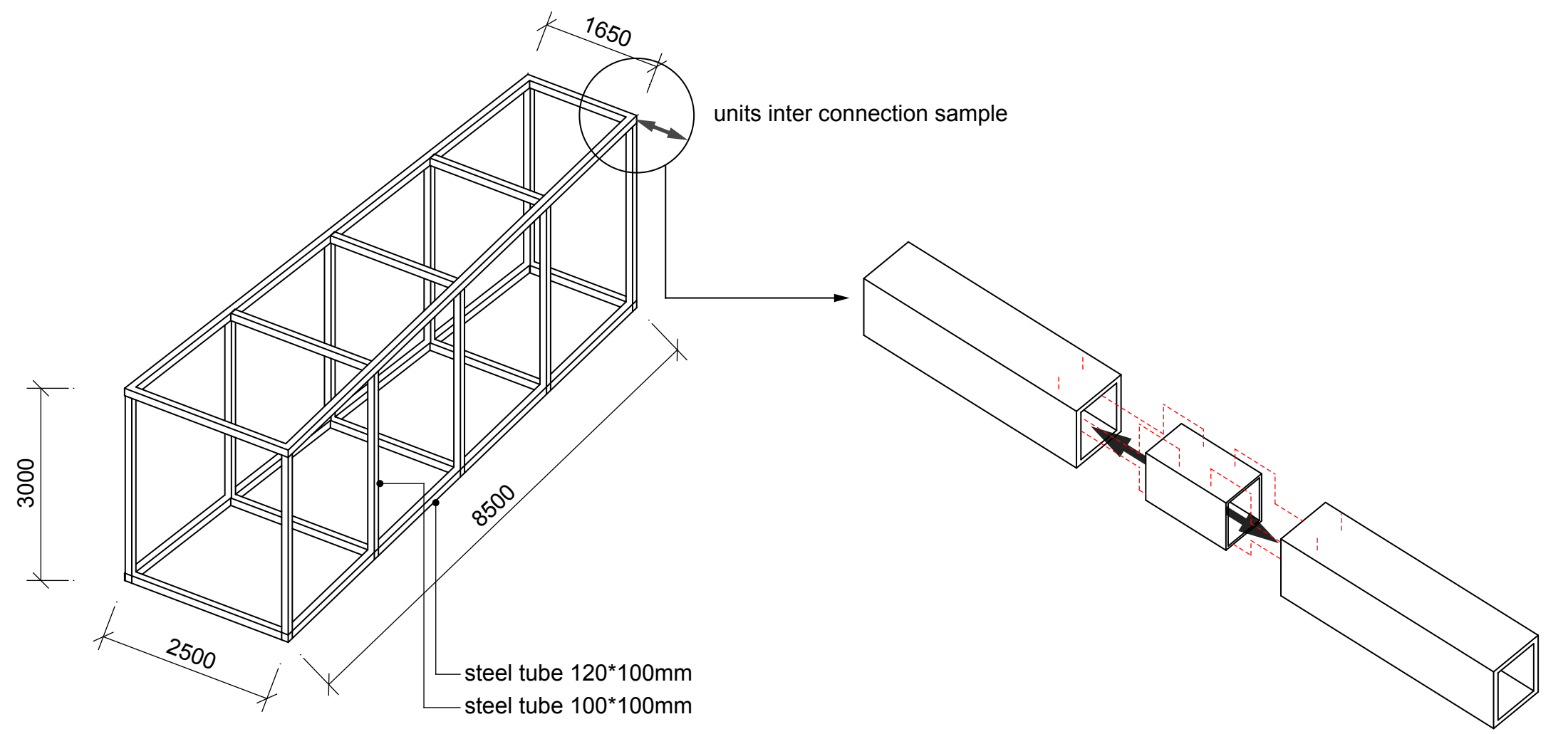
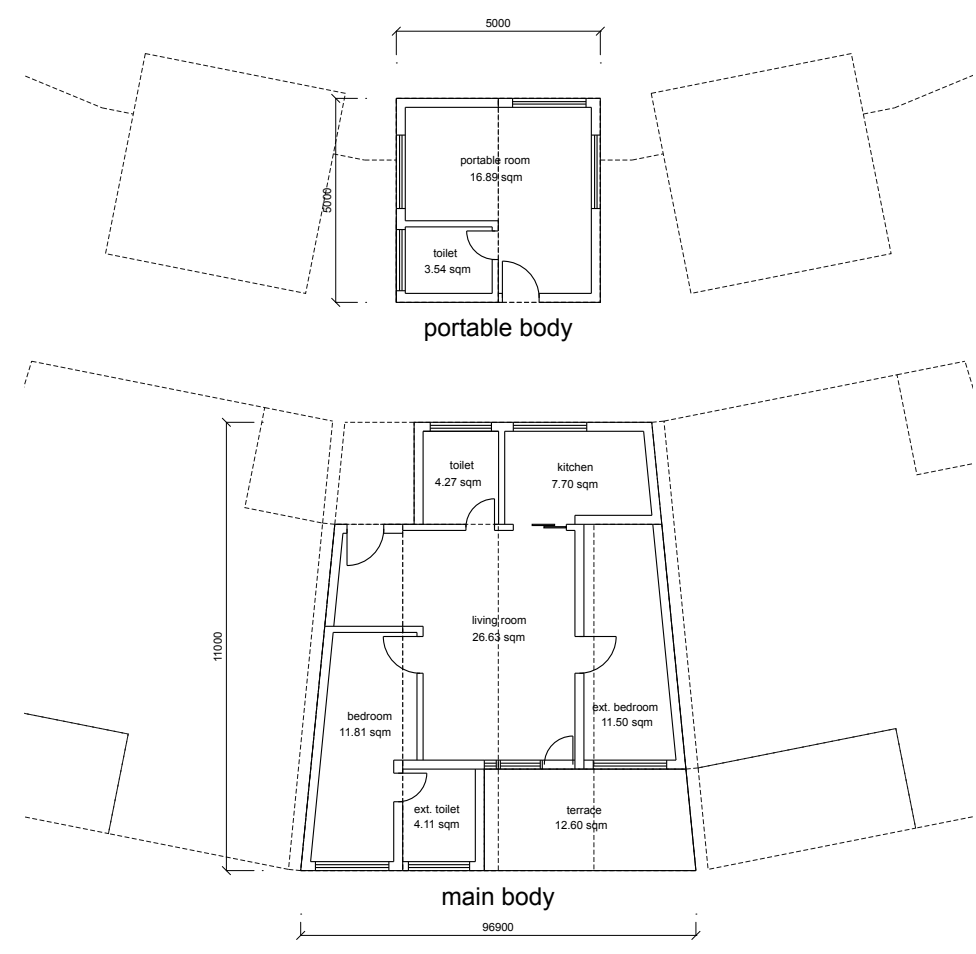
Mountain Garden Area

Community Office Area

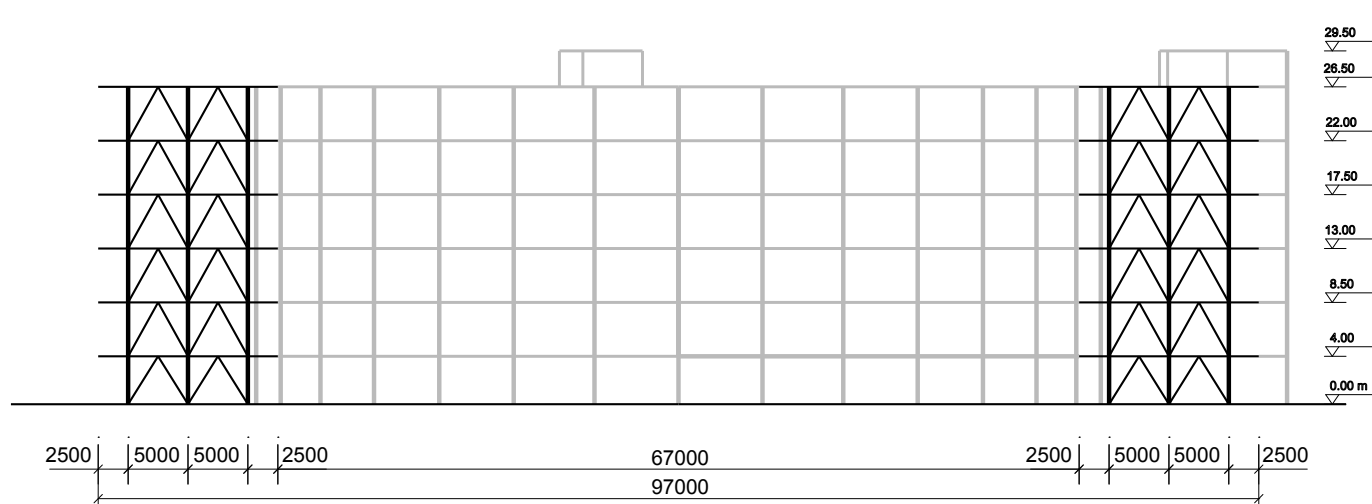
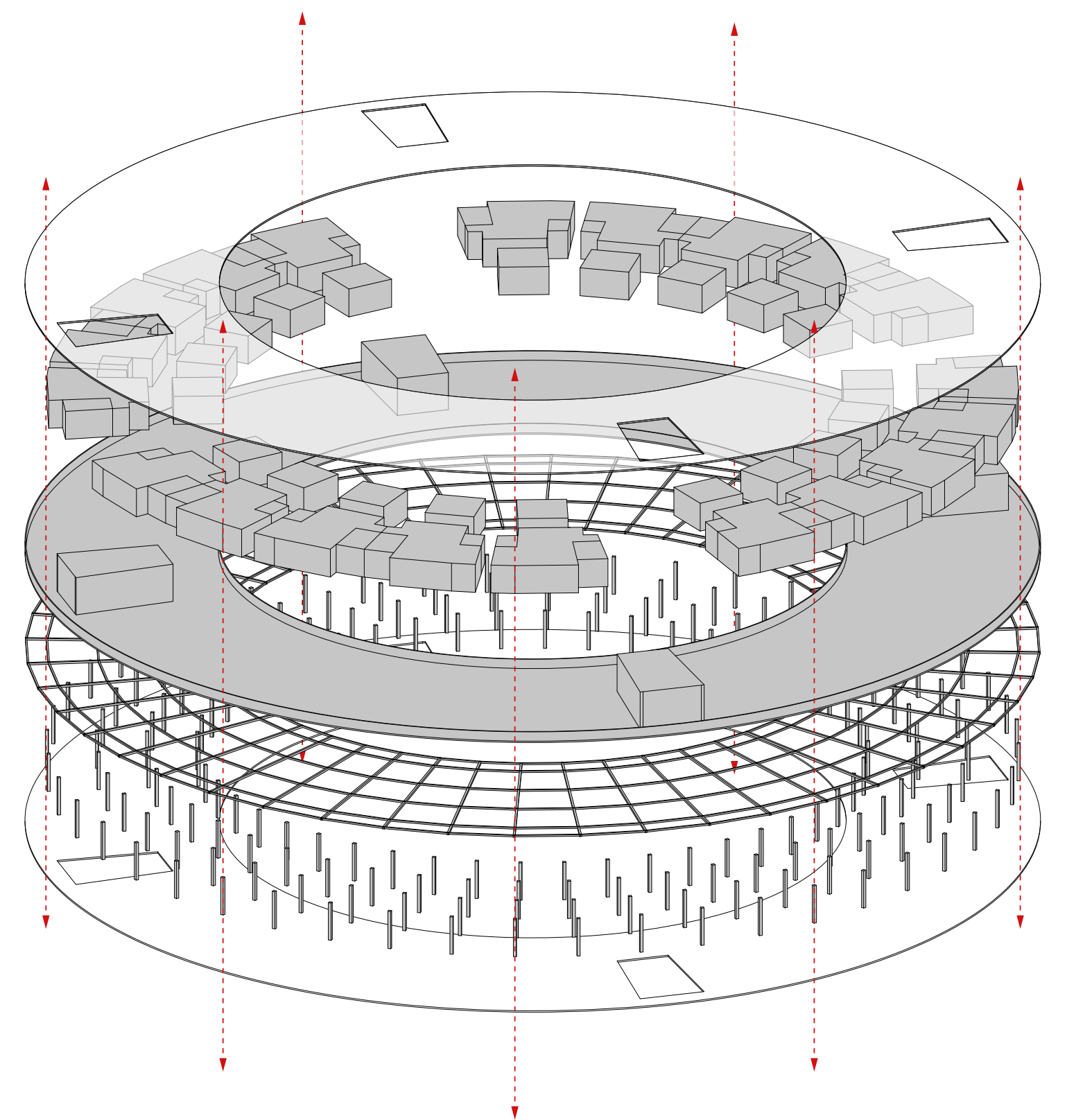
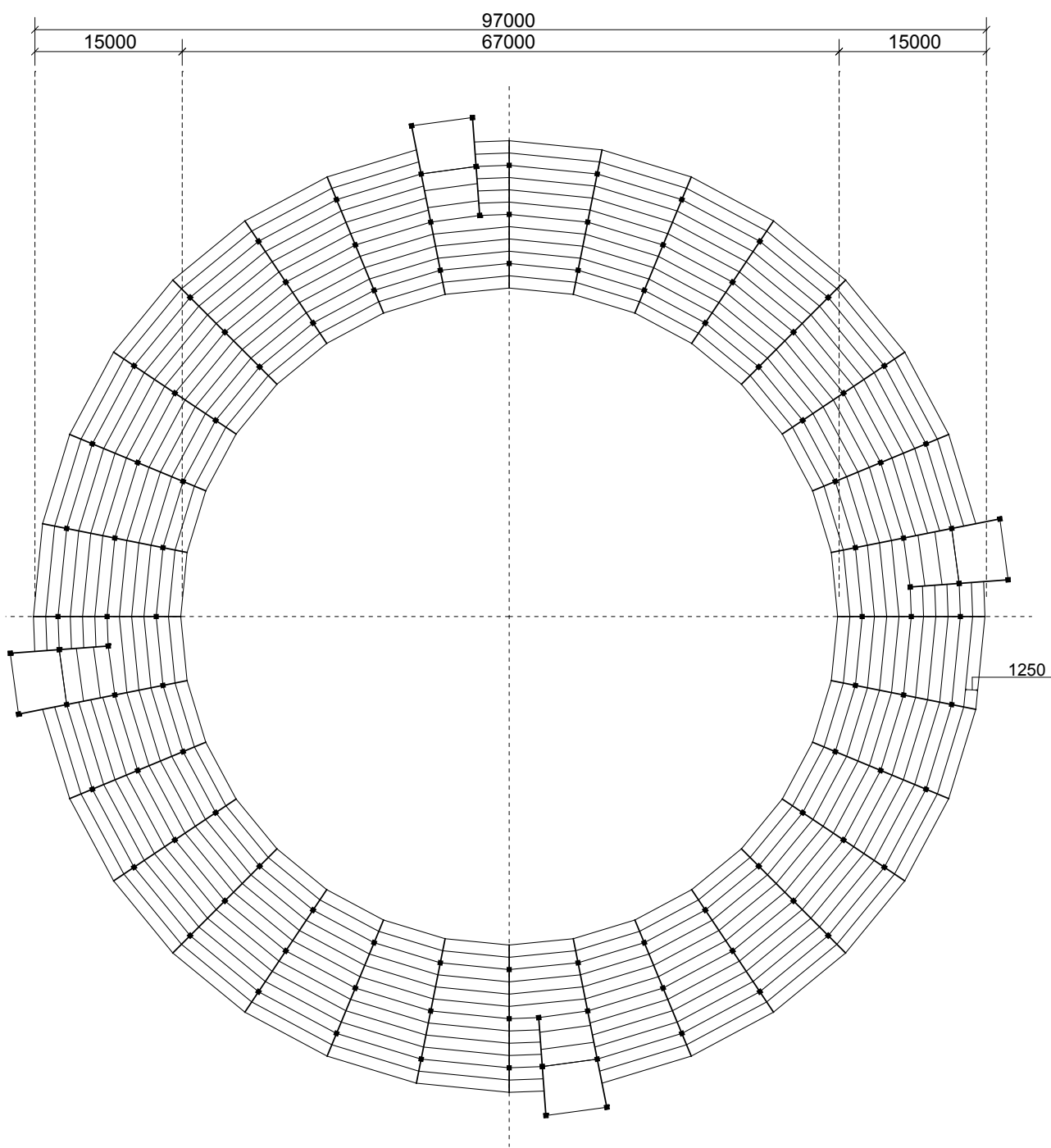
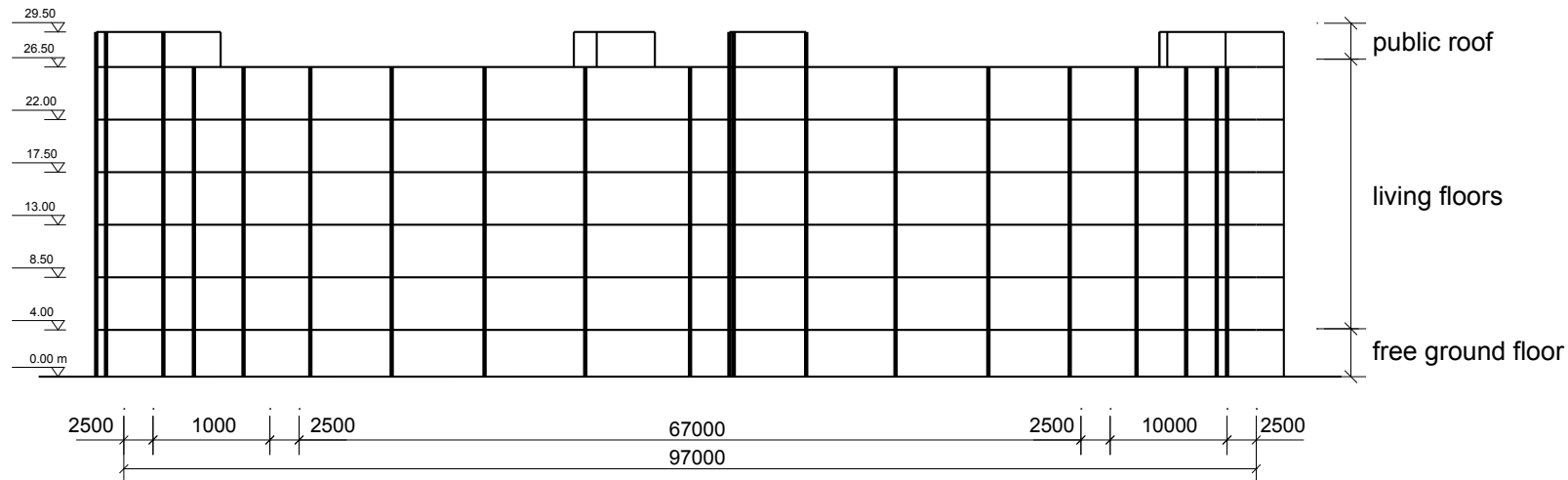
Neo-Chinese Garden Area

Floor Plans 1:800

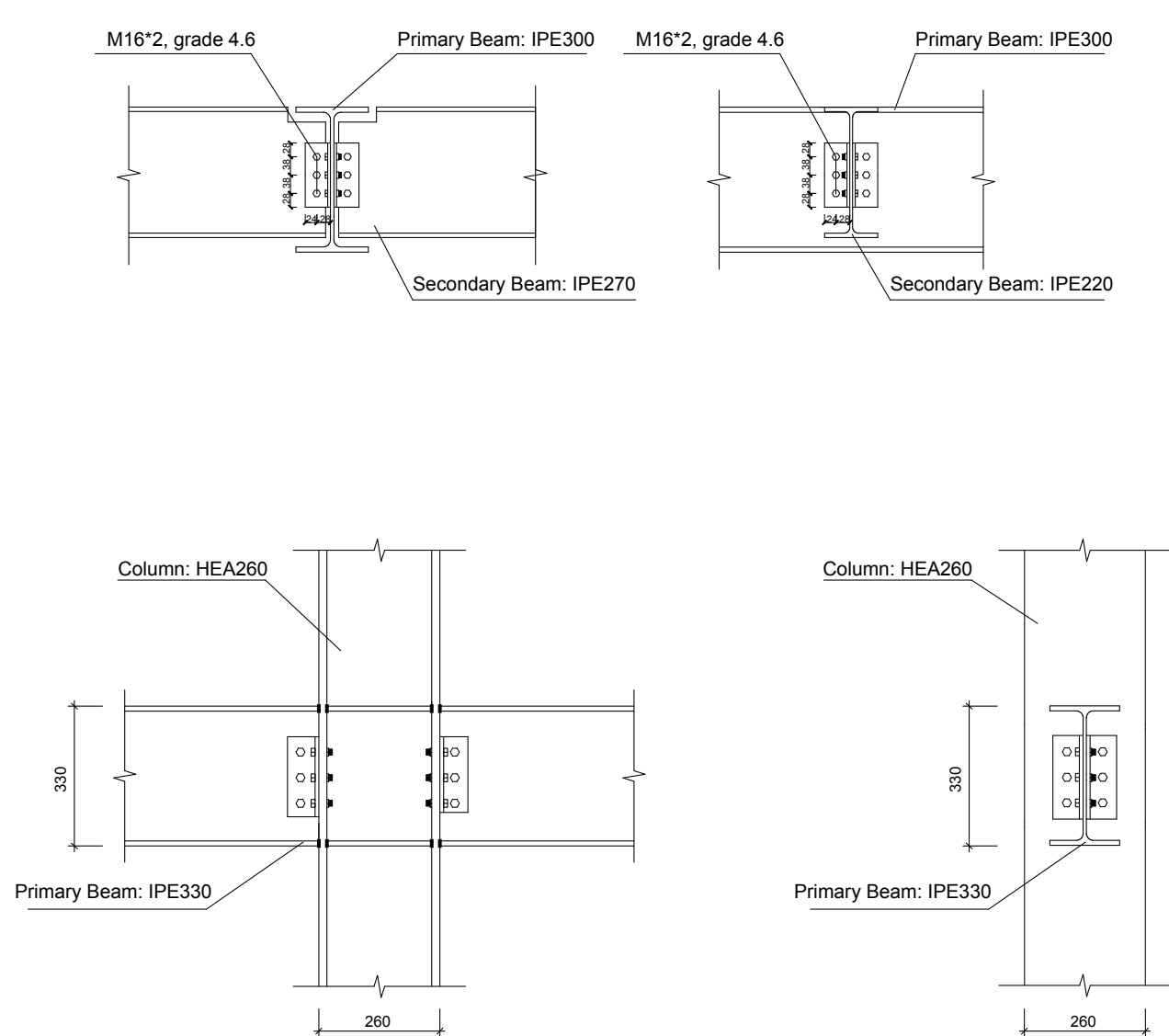


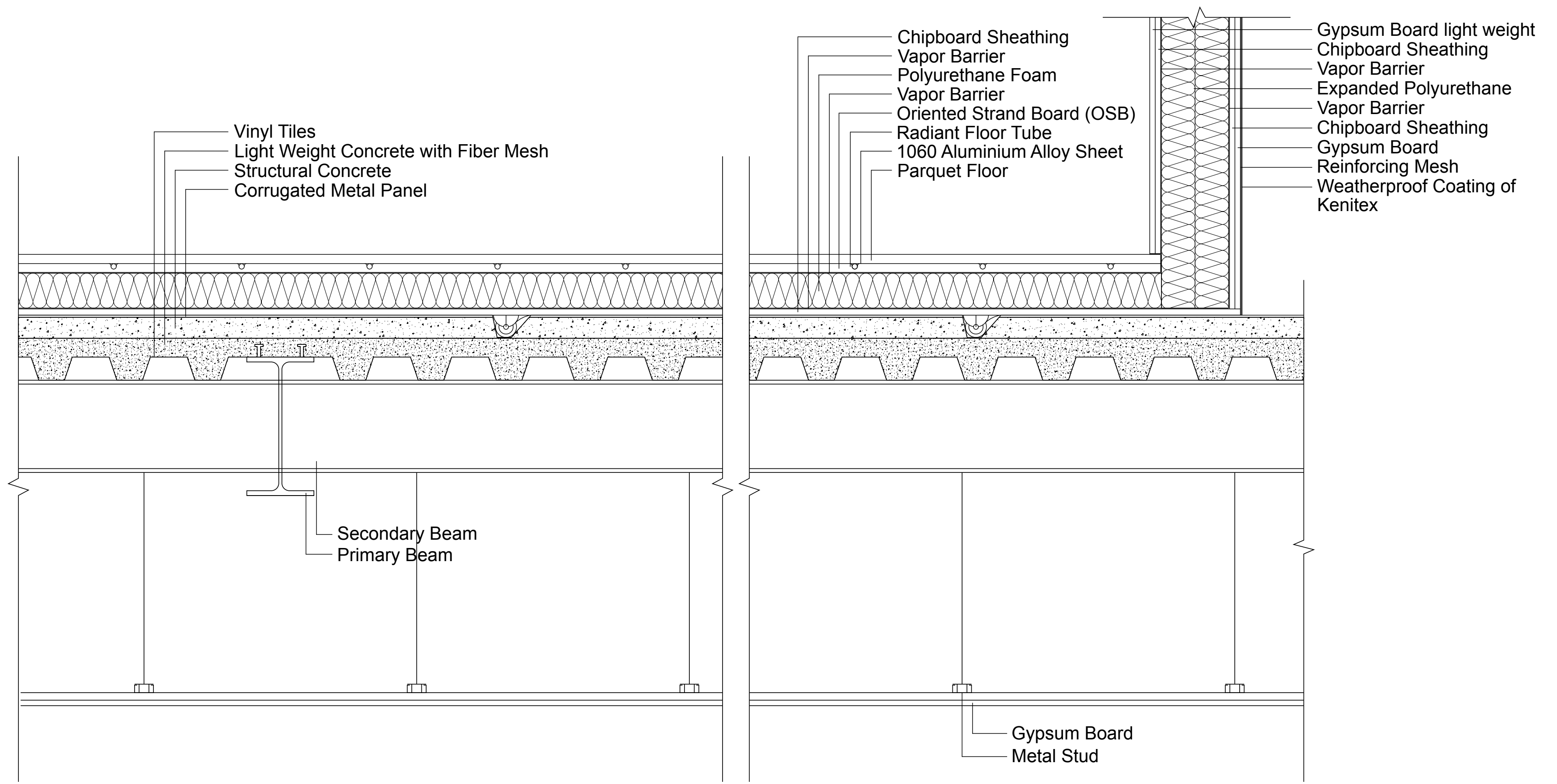


Structural Schemes

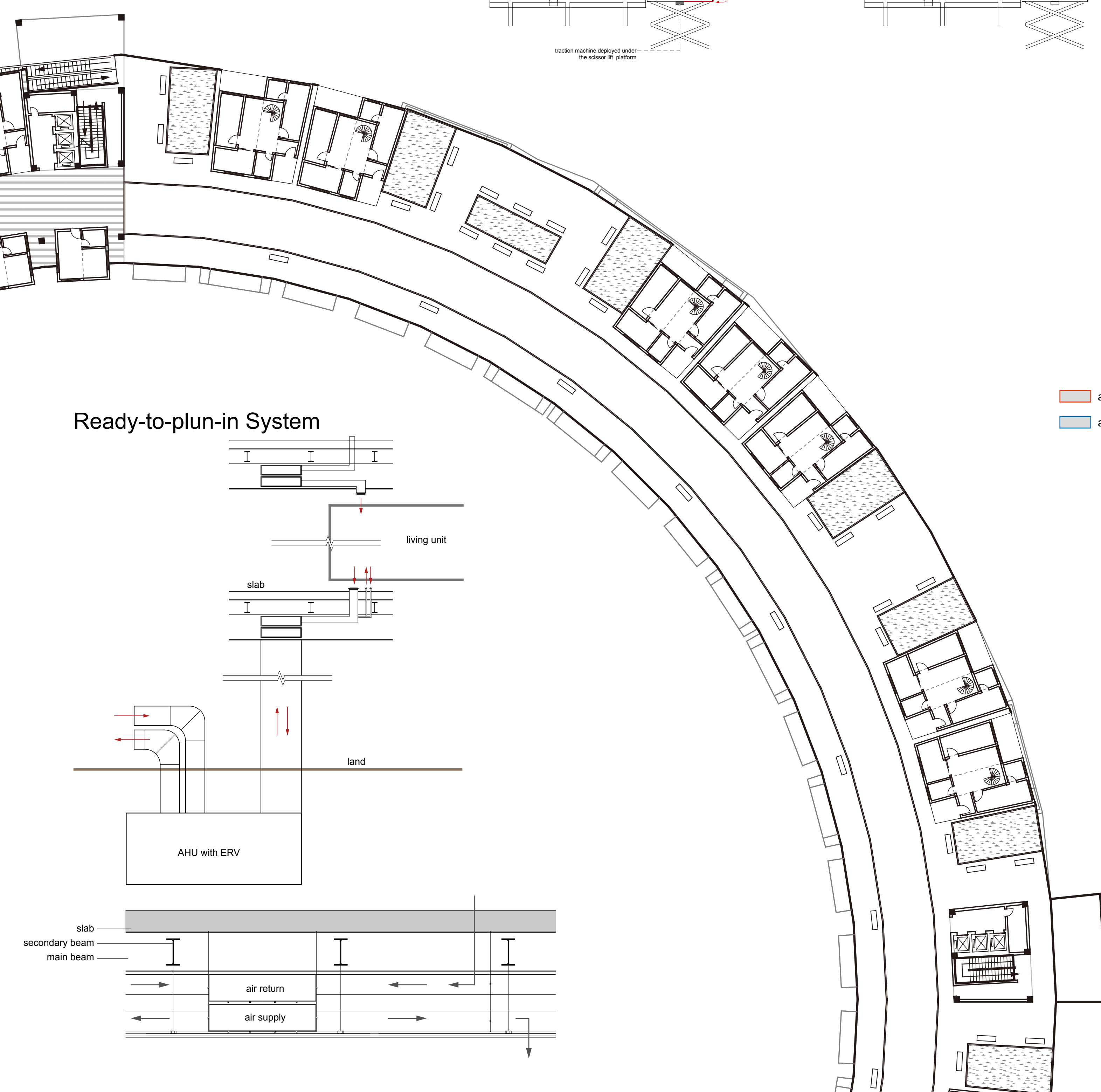
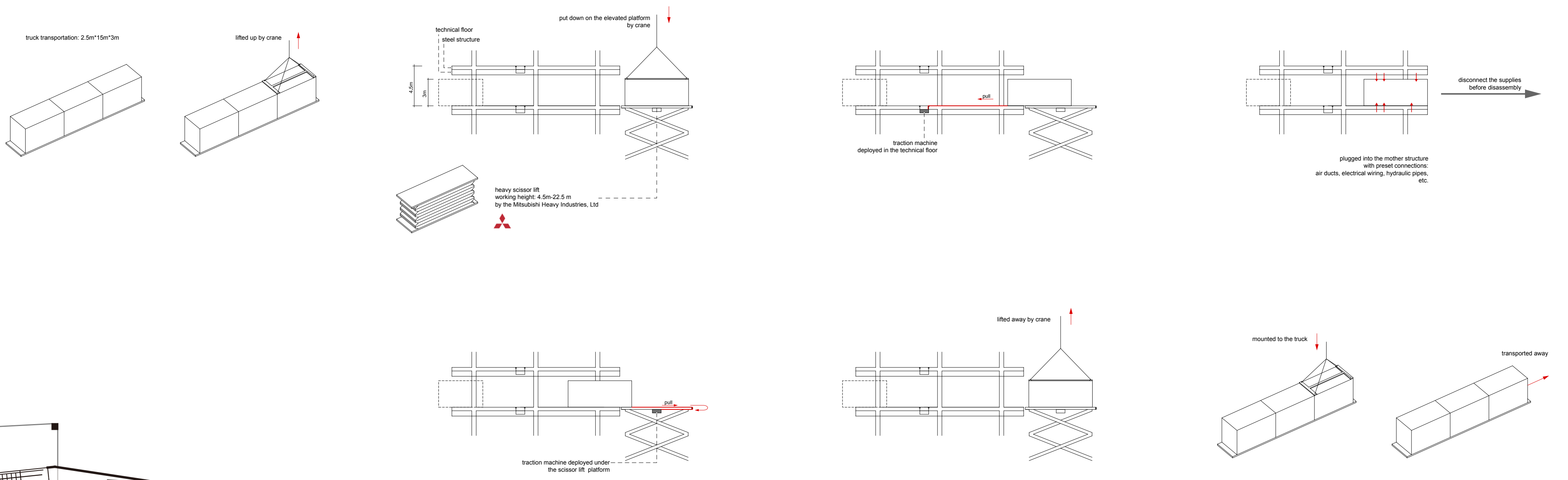


Connection Examples

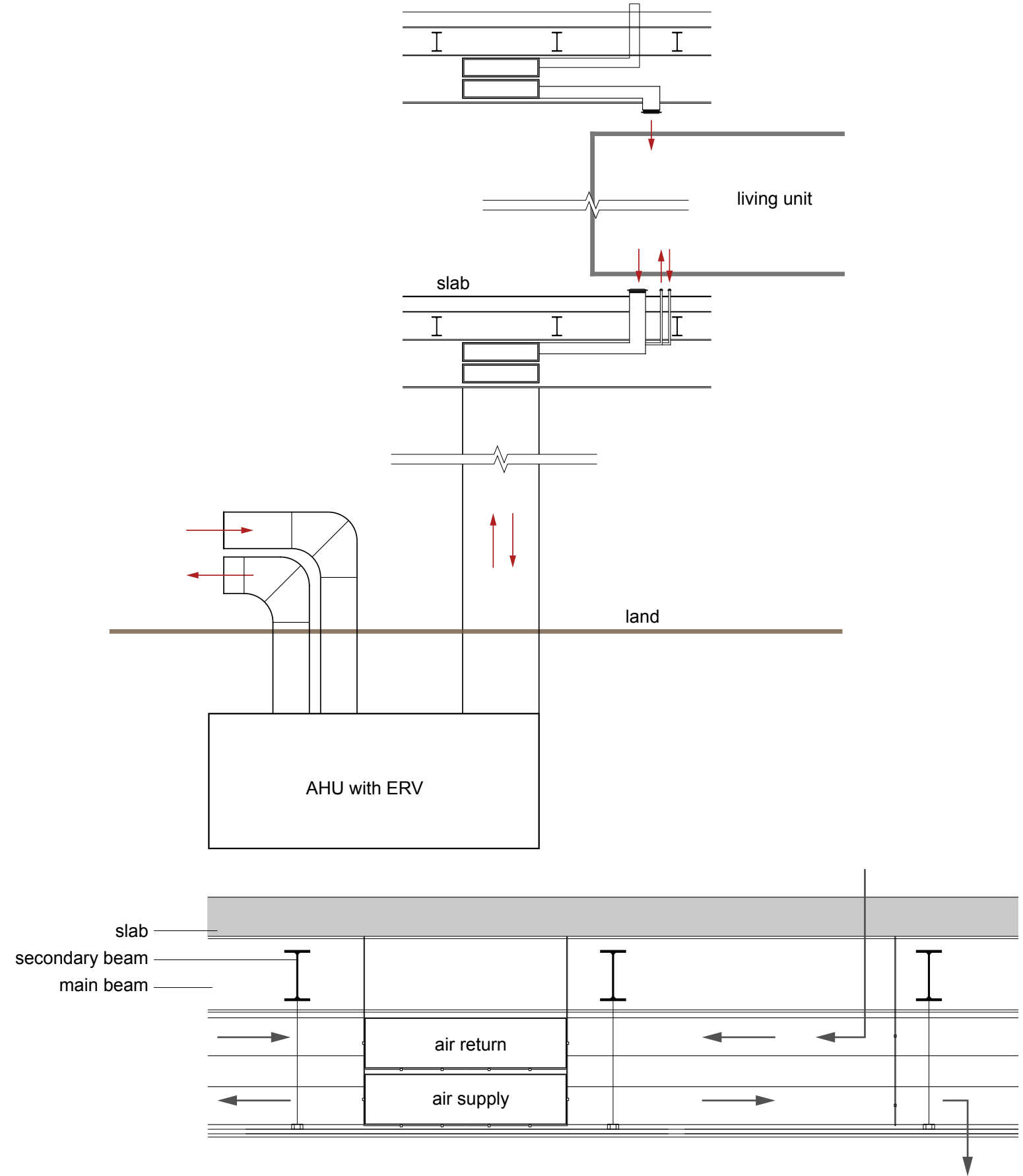




Installation Process

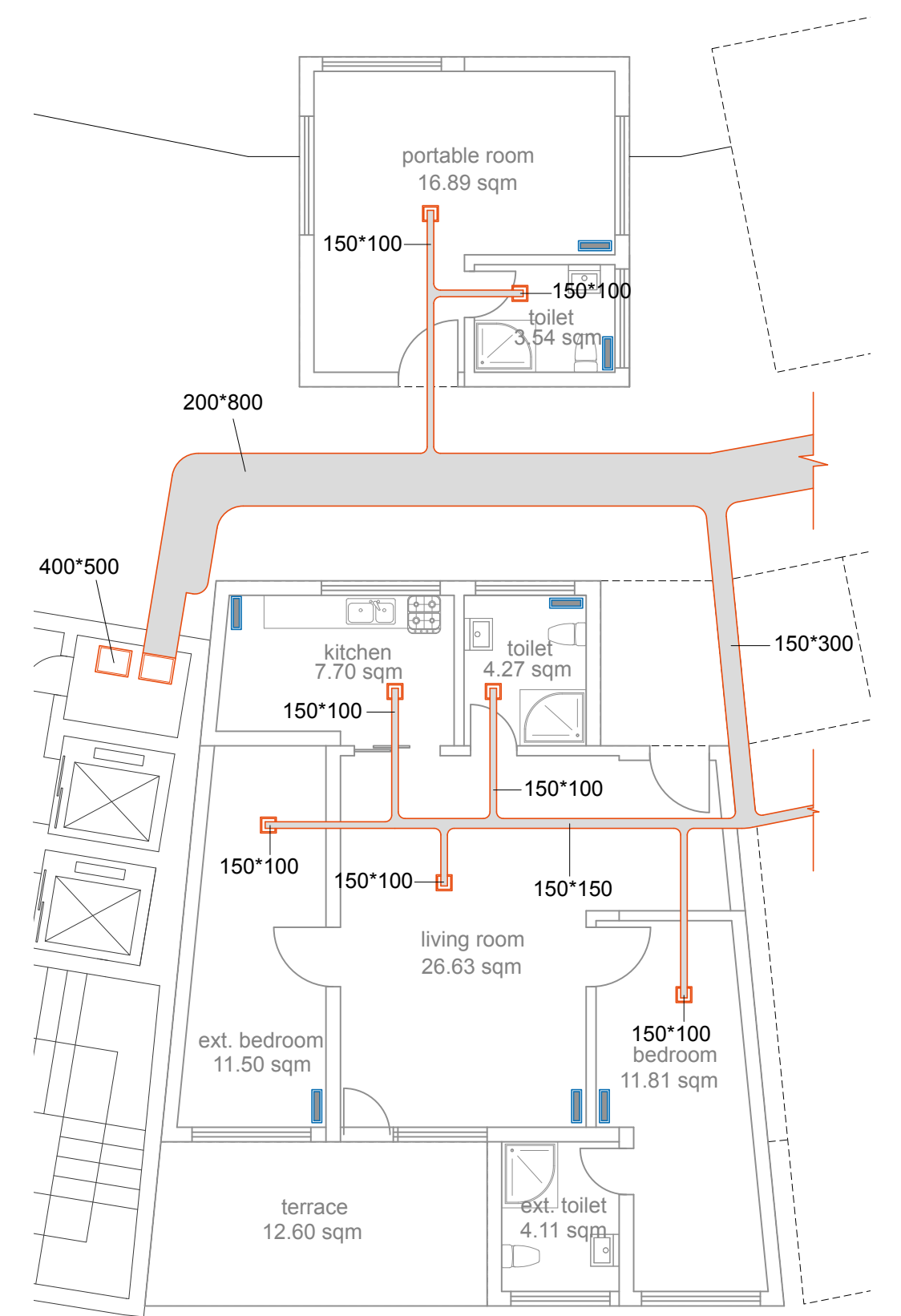


Ready-to-plug-in System



Mechanical Ventilation

- air supply
- air return



the M.I.A spreading

contextualization & self-contextualization



New York



Pyongyang

