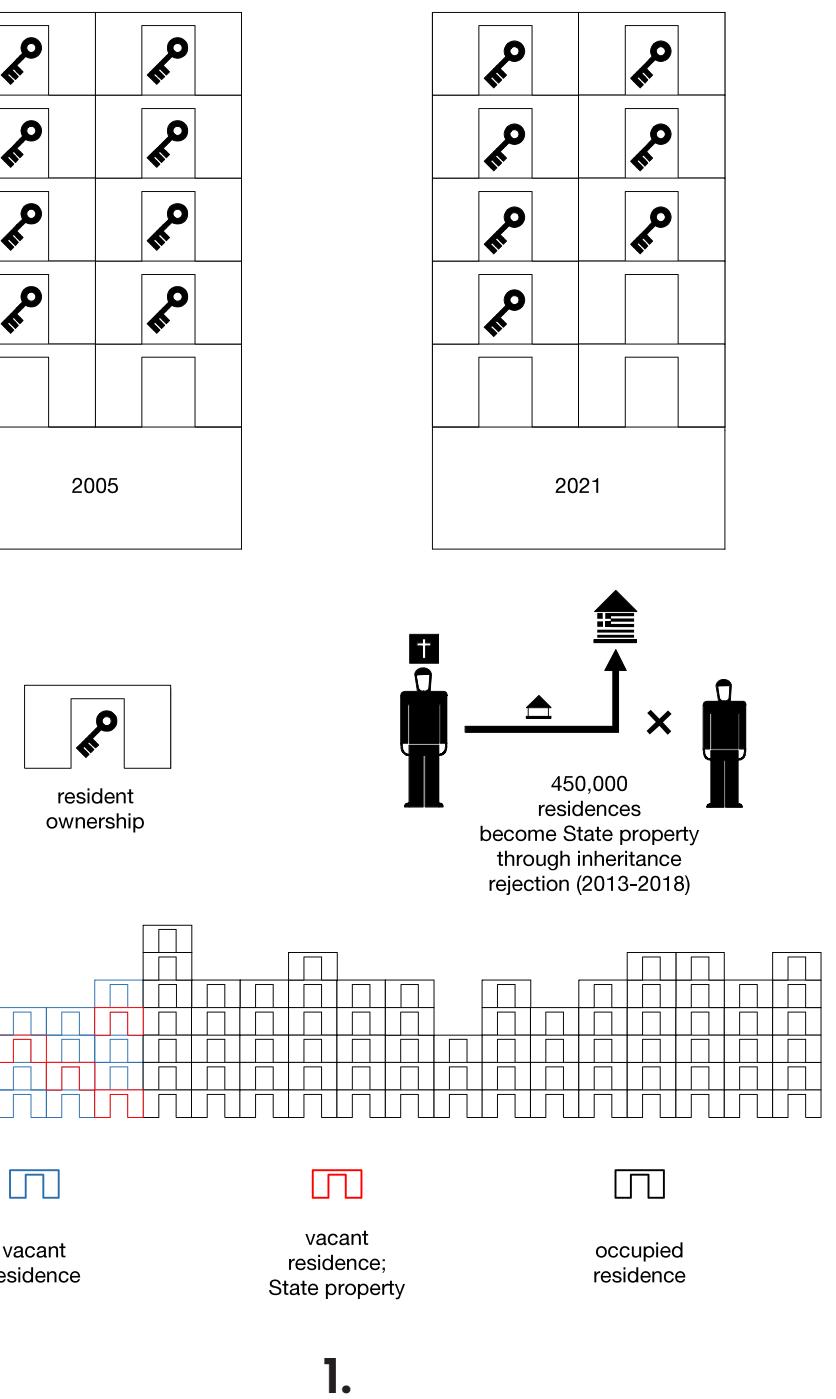




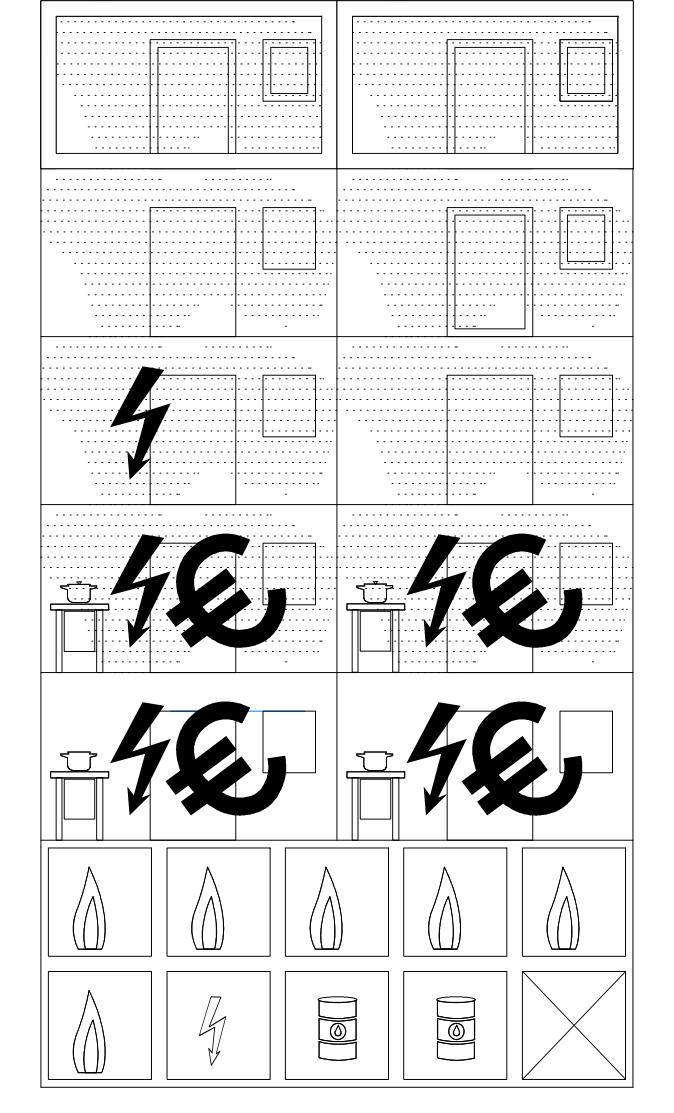
RE

HOUSE ATHENS

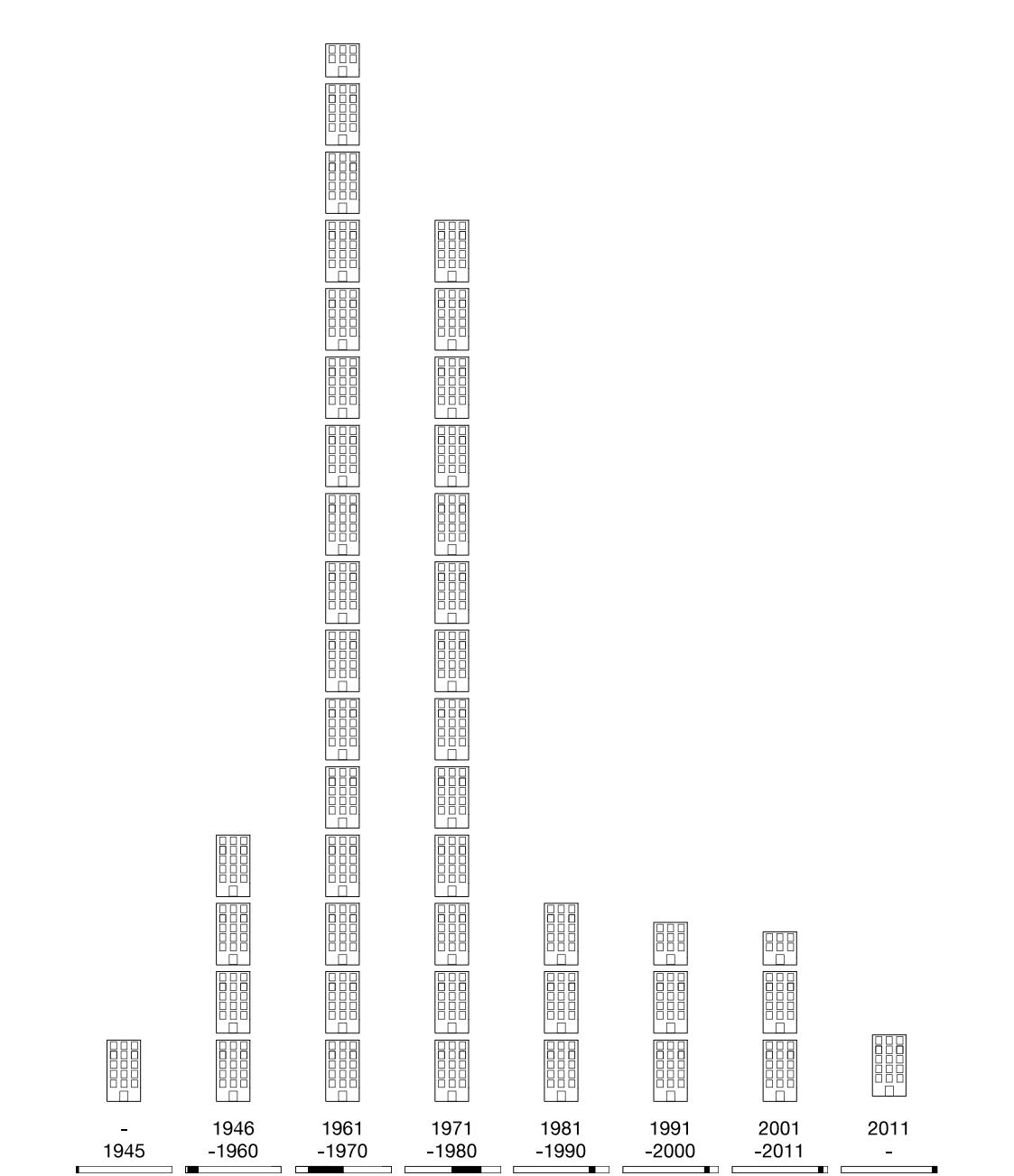
a program for systemic
and architectural reform



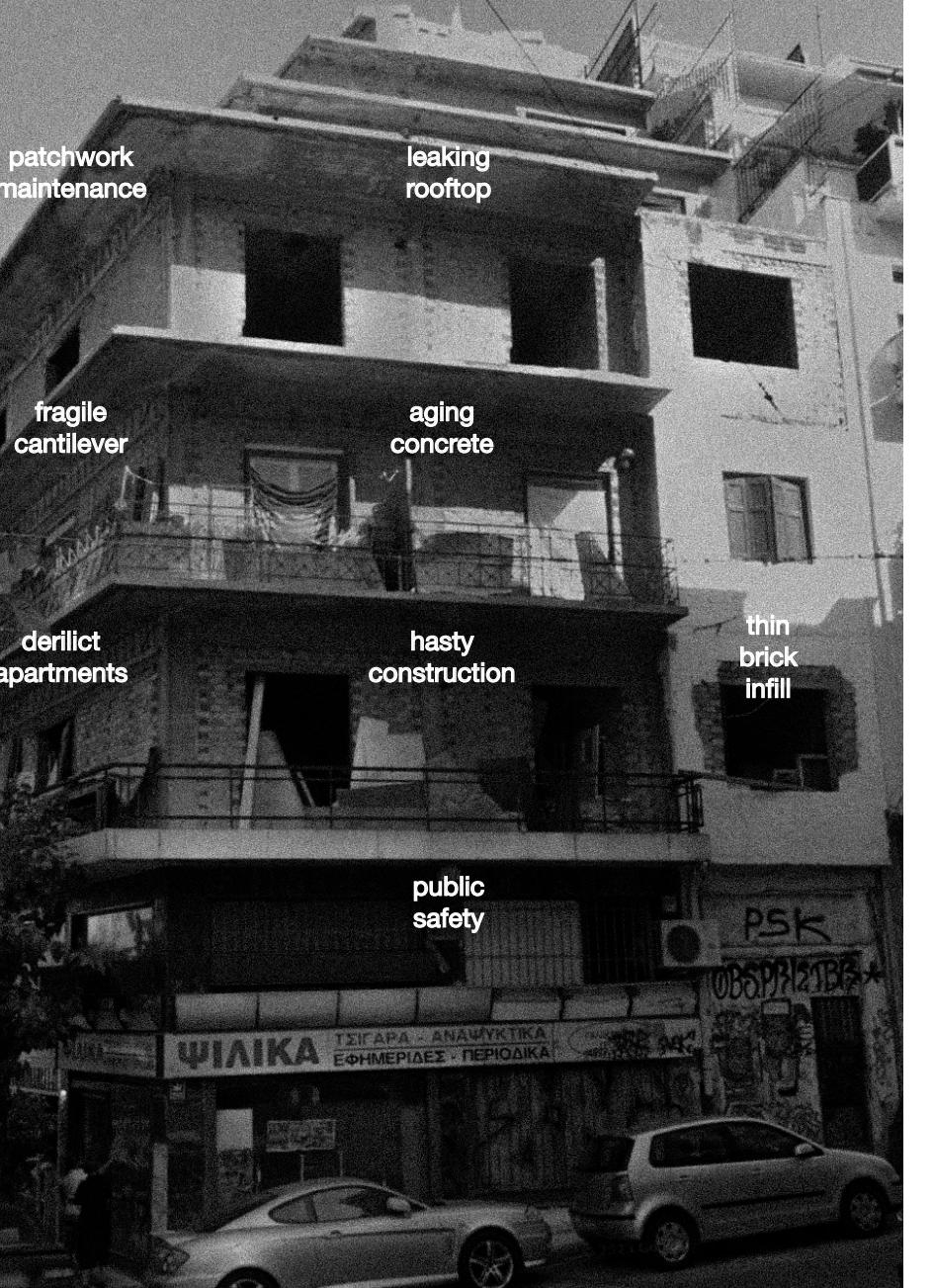
1. HOUSING CRISIS



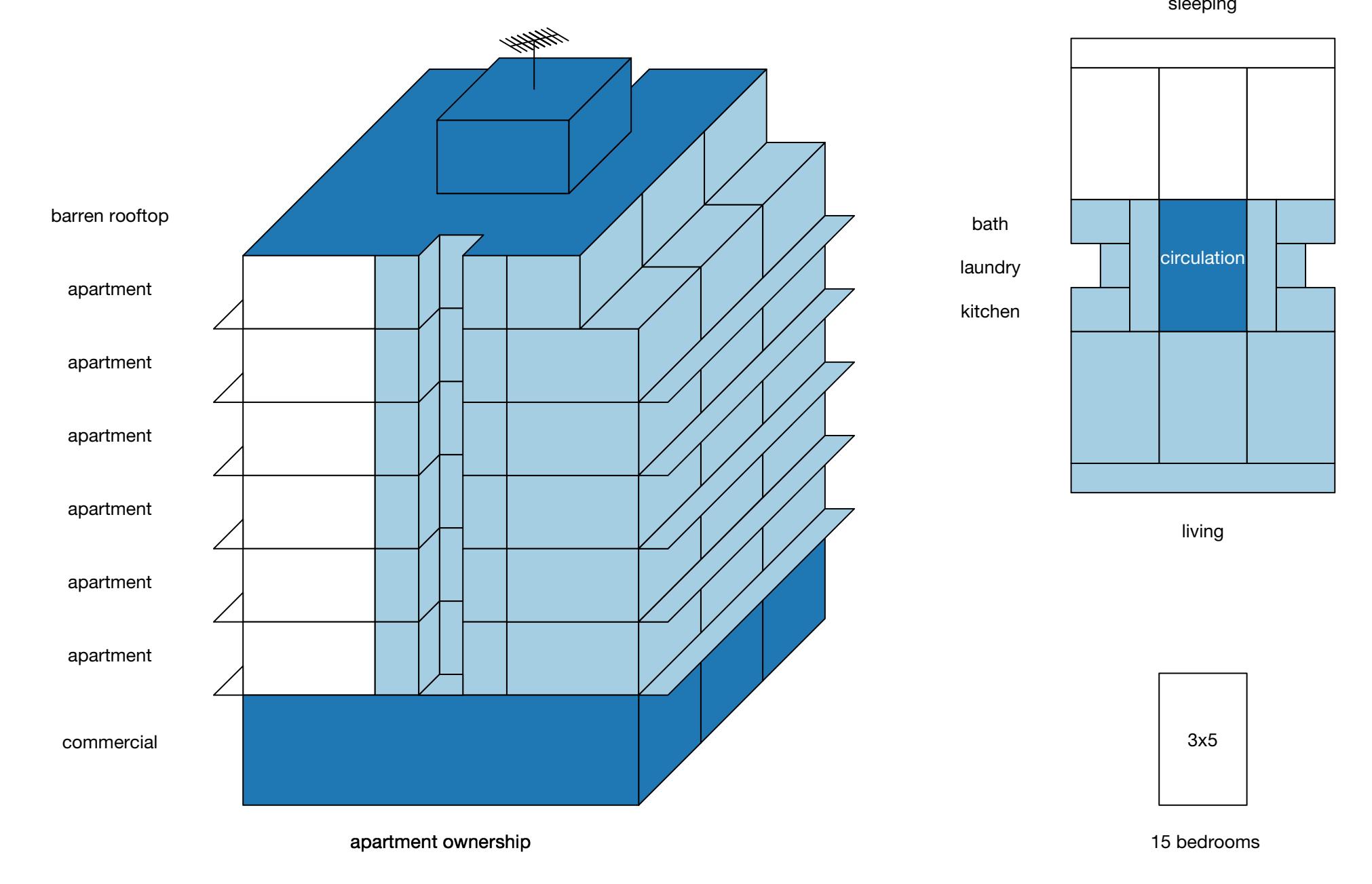
2. STANDARD OF LIVING

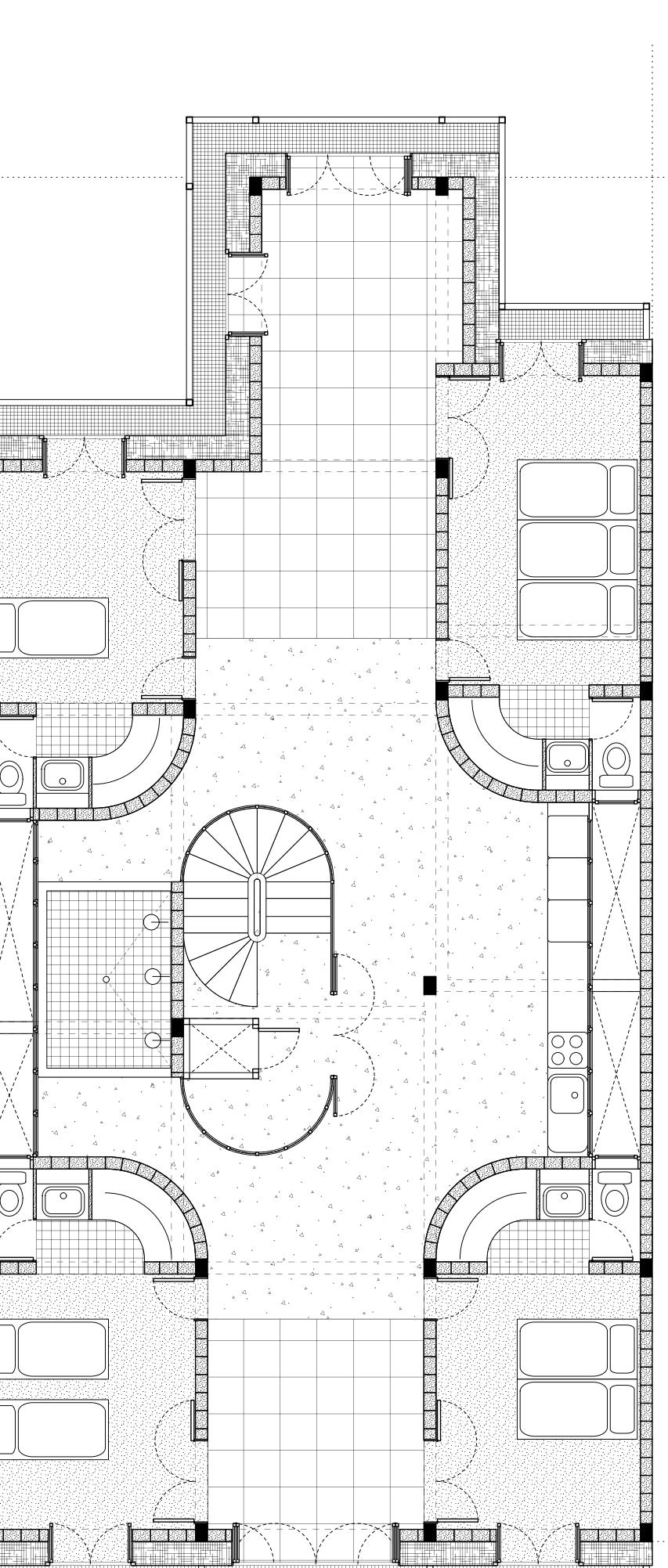
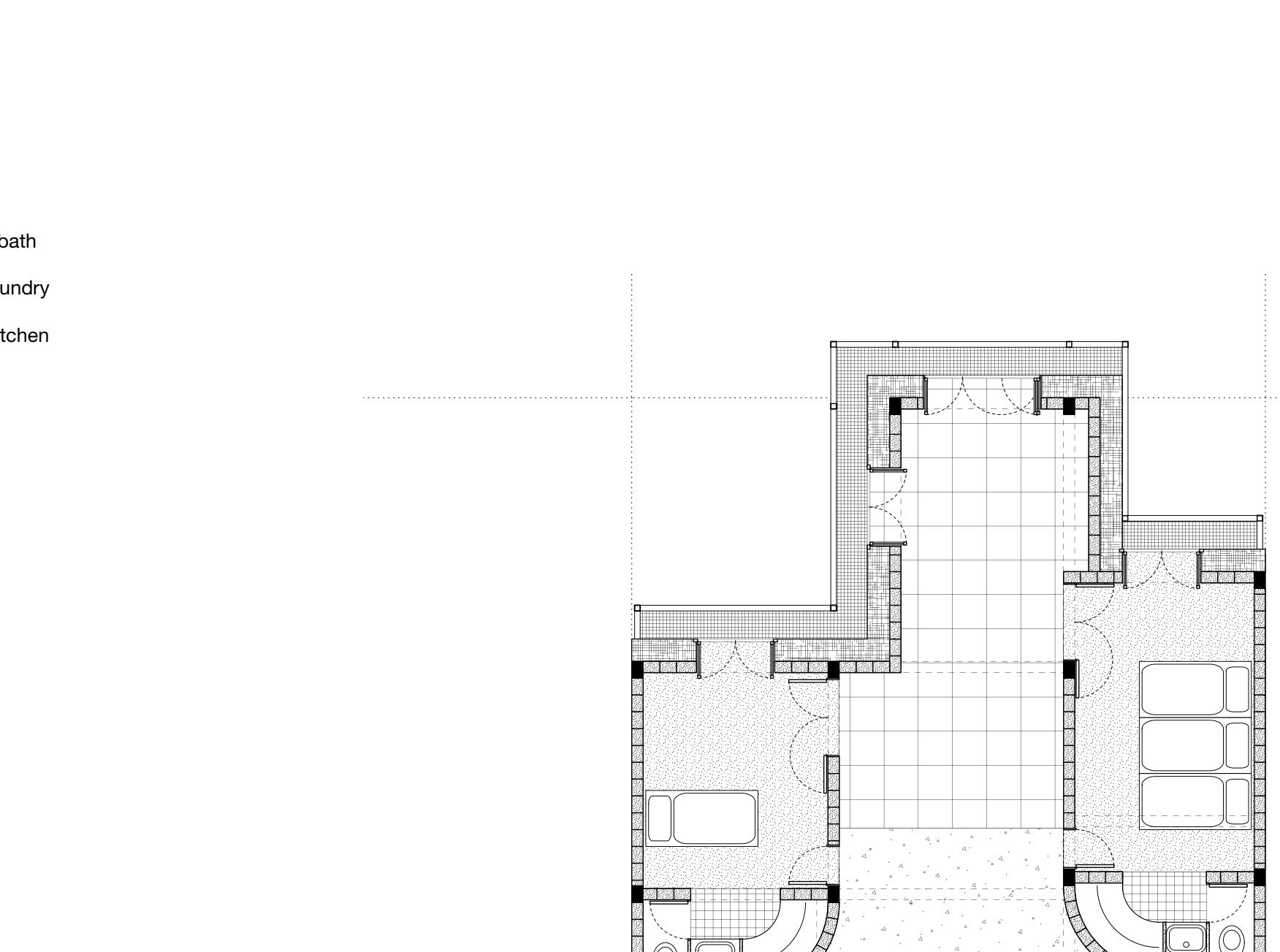


3. BUILDING STOCK

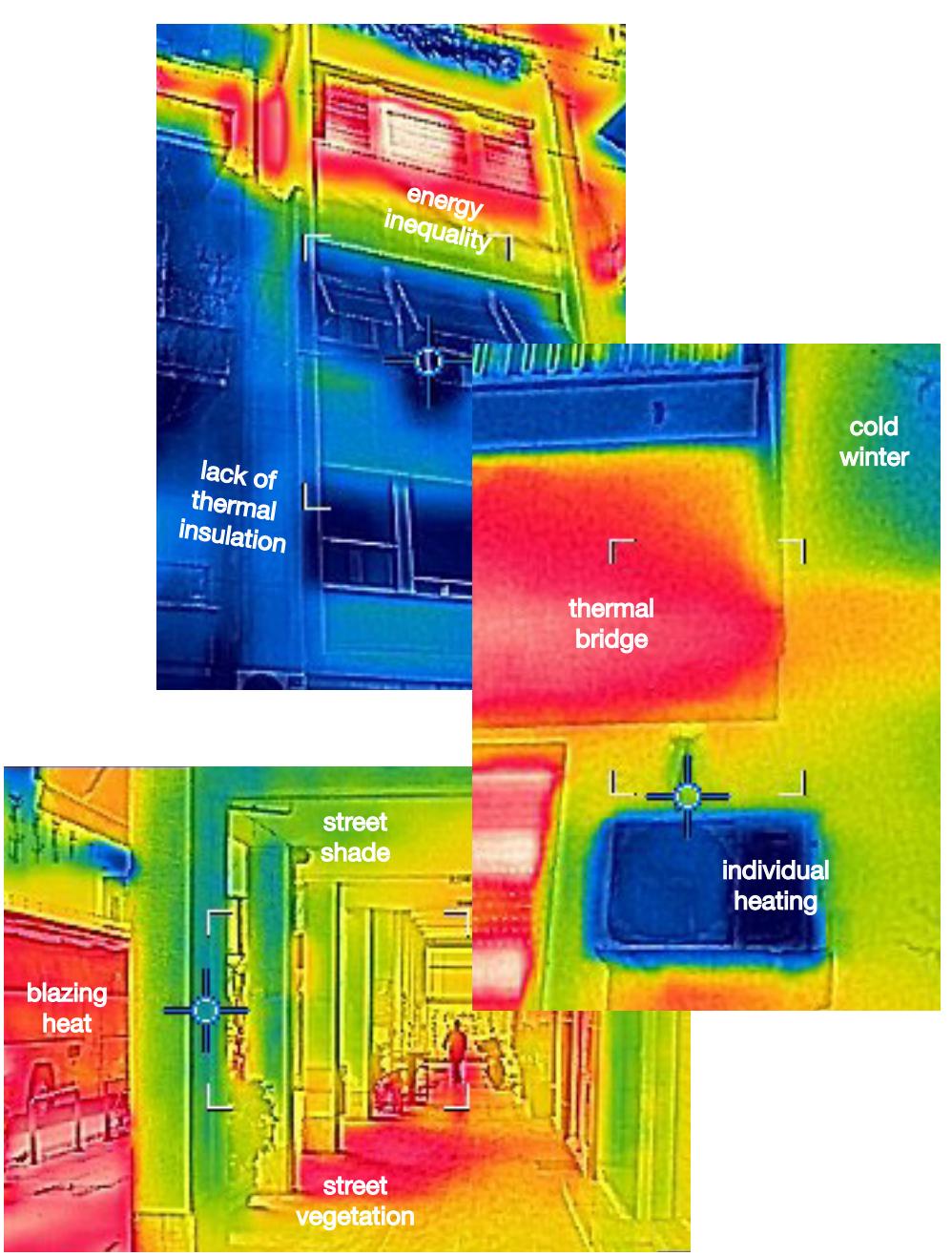


4. MATERIAL

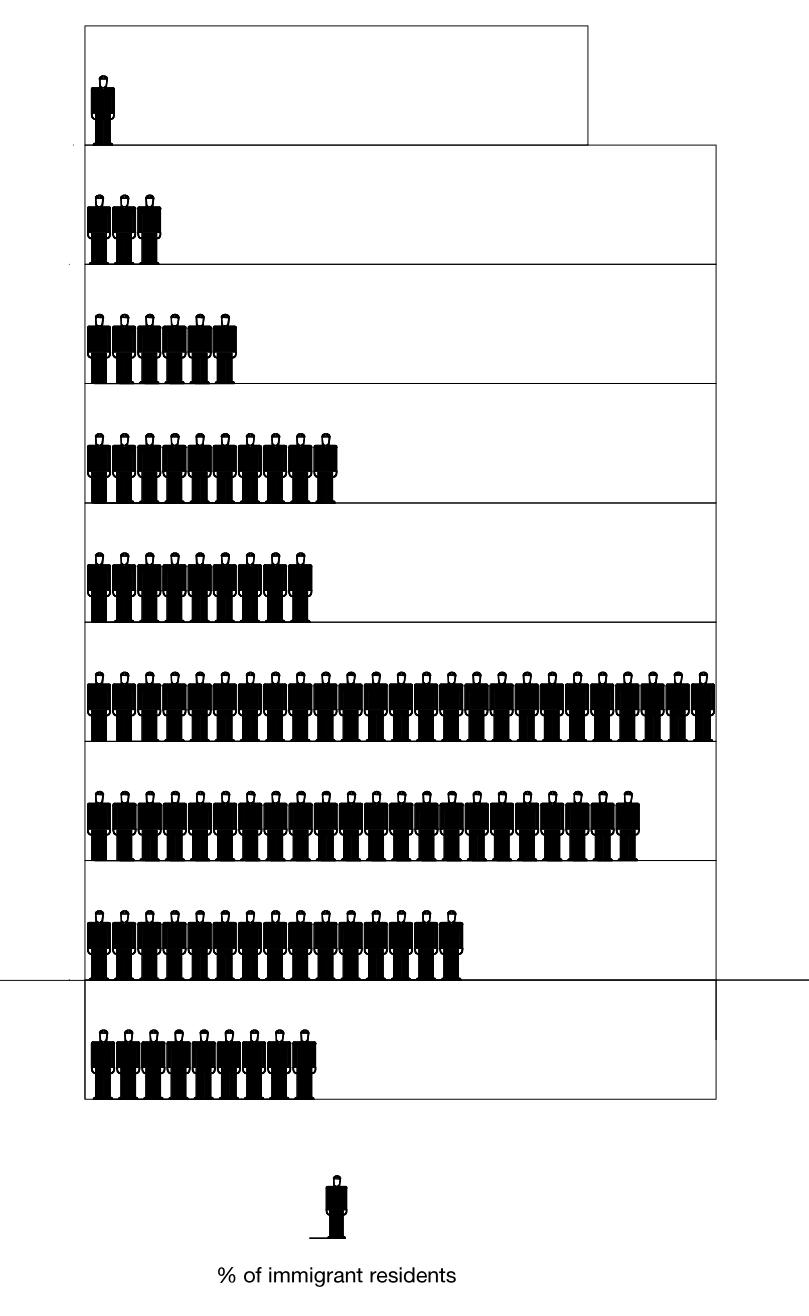




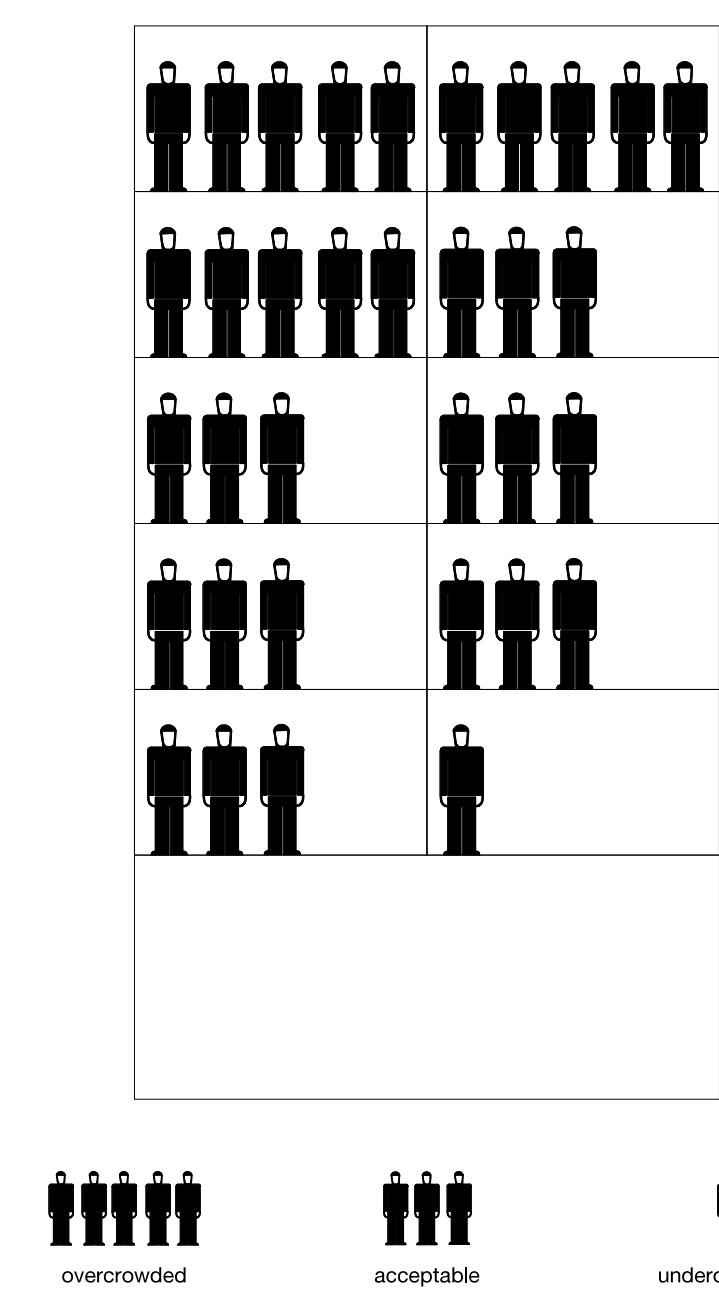
19. POLYKATOIKIA 0, FLOORPLAN G+N (1:100)



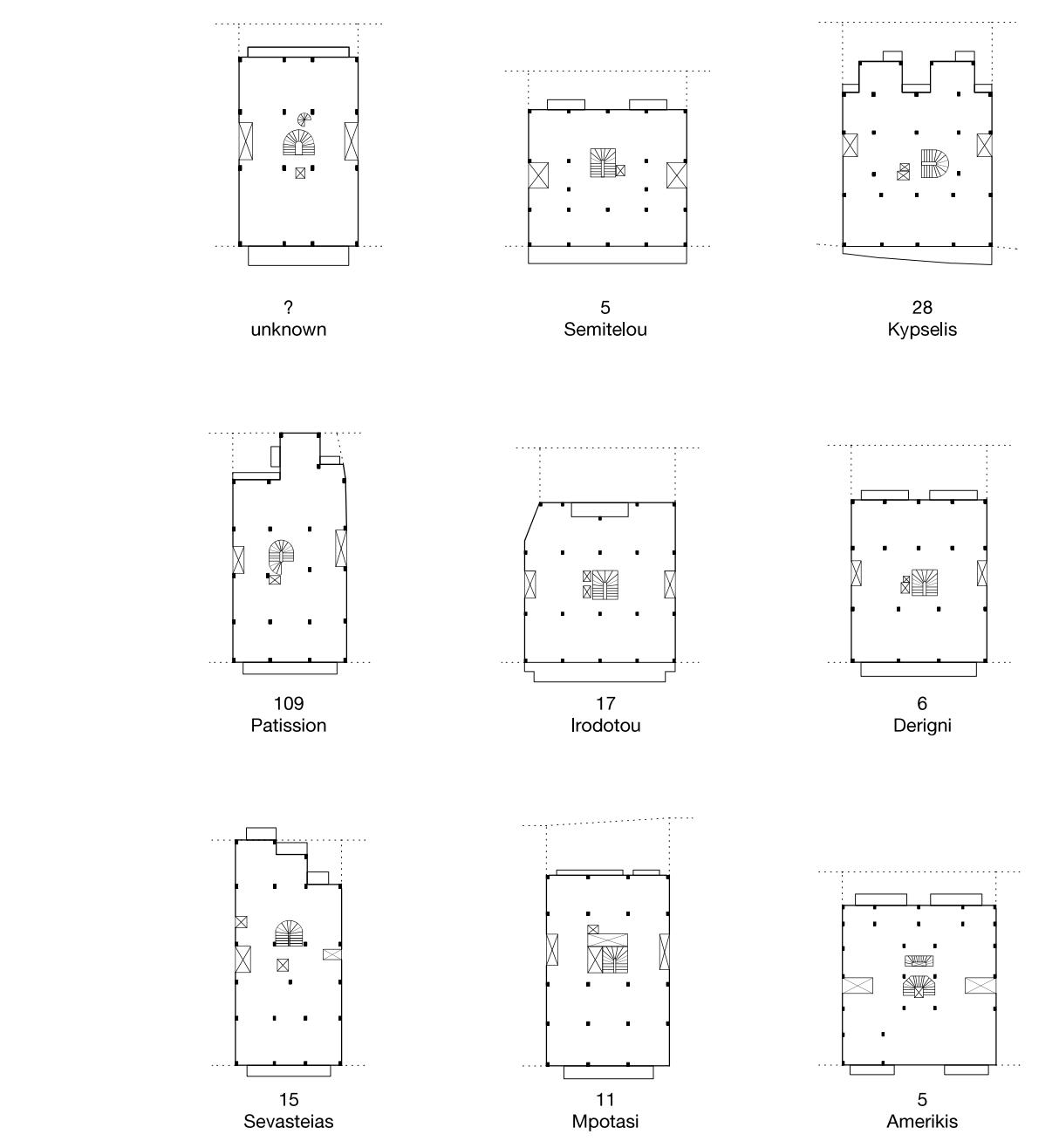
5. CLIMATE



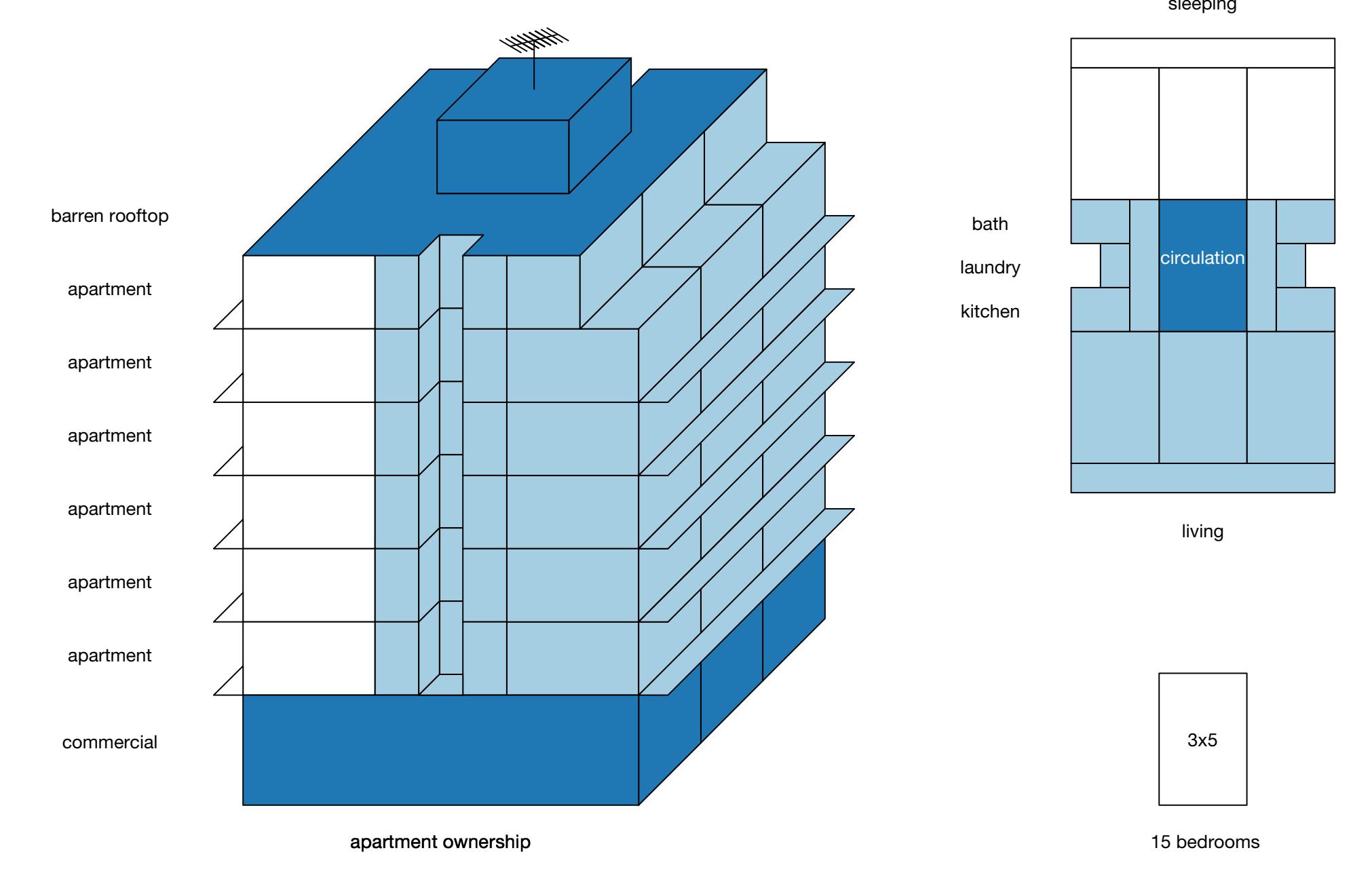
6. INEQUALITY



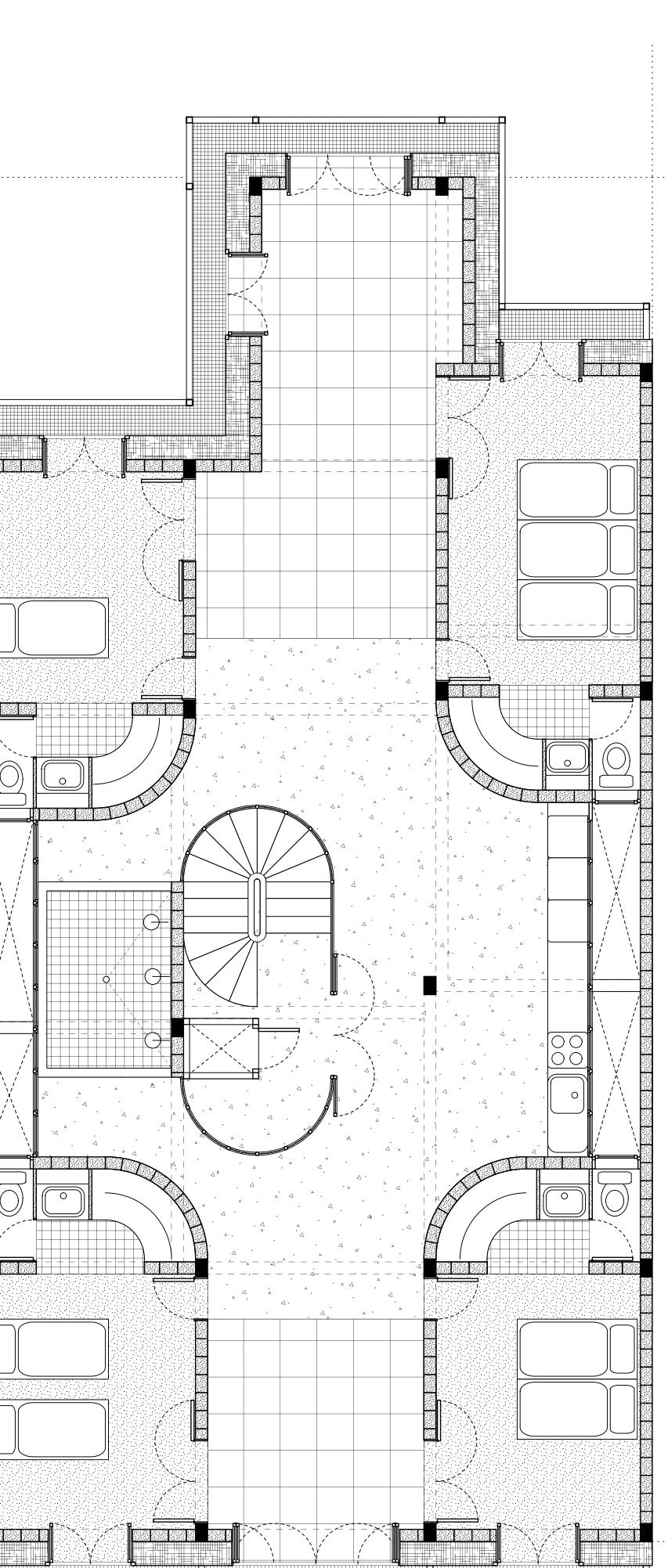
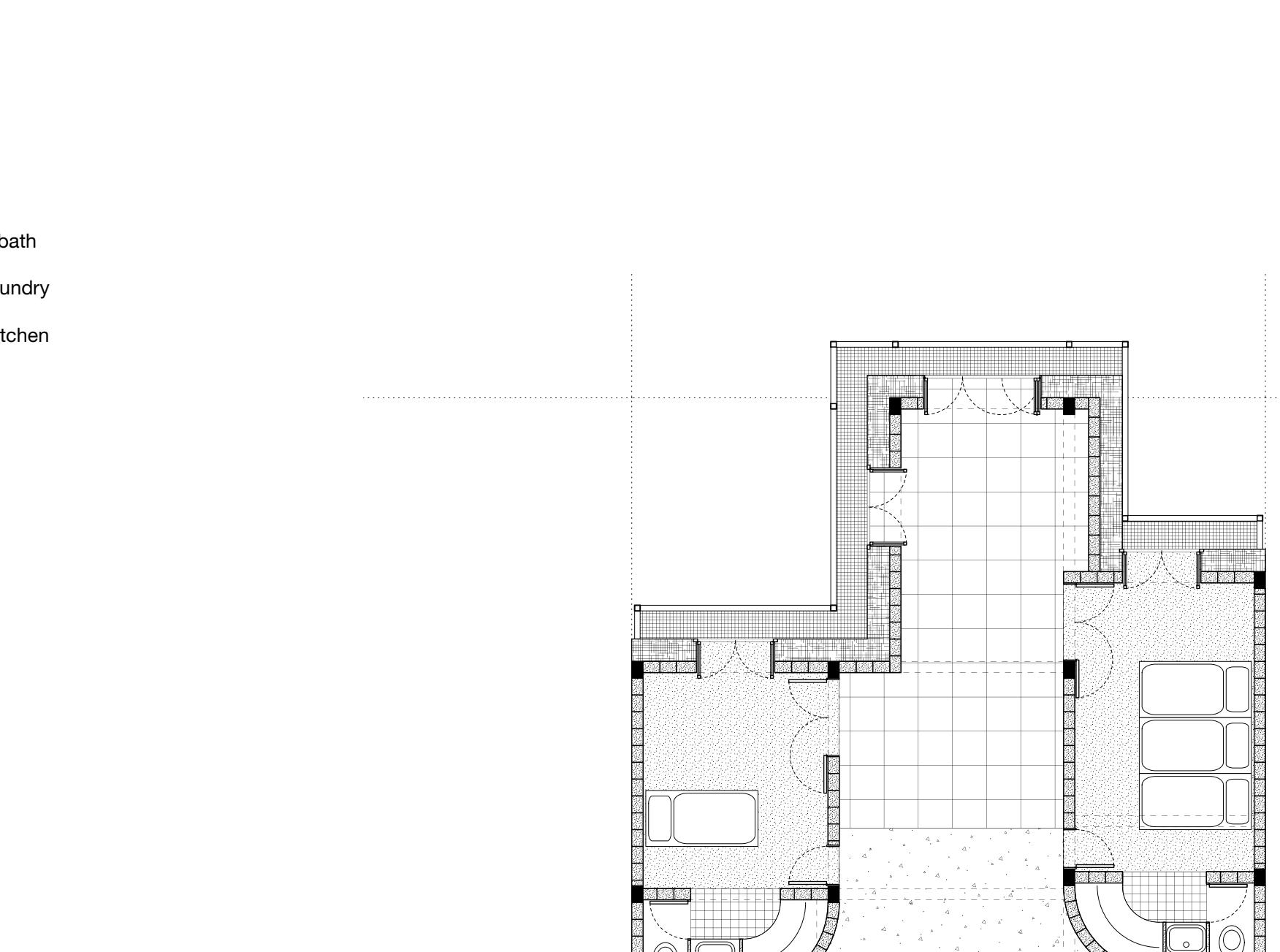
7. INEQUALITY



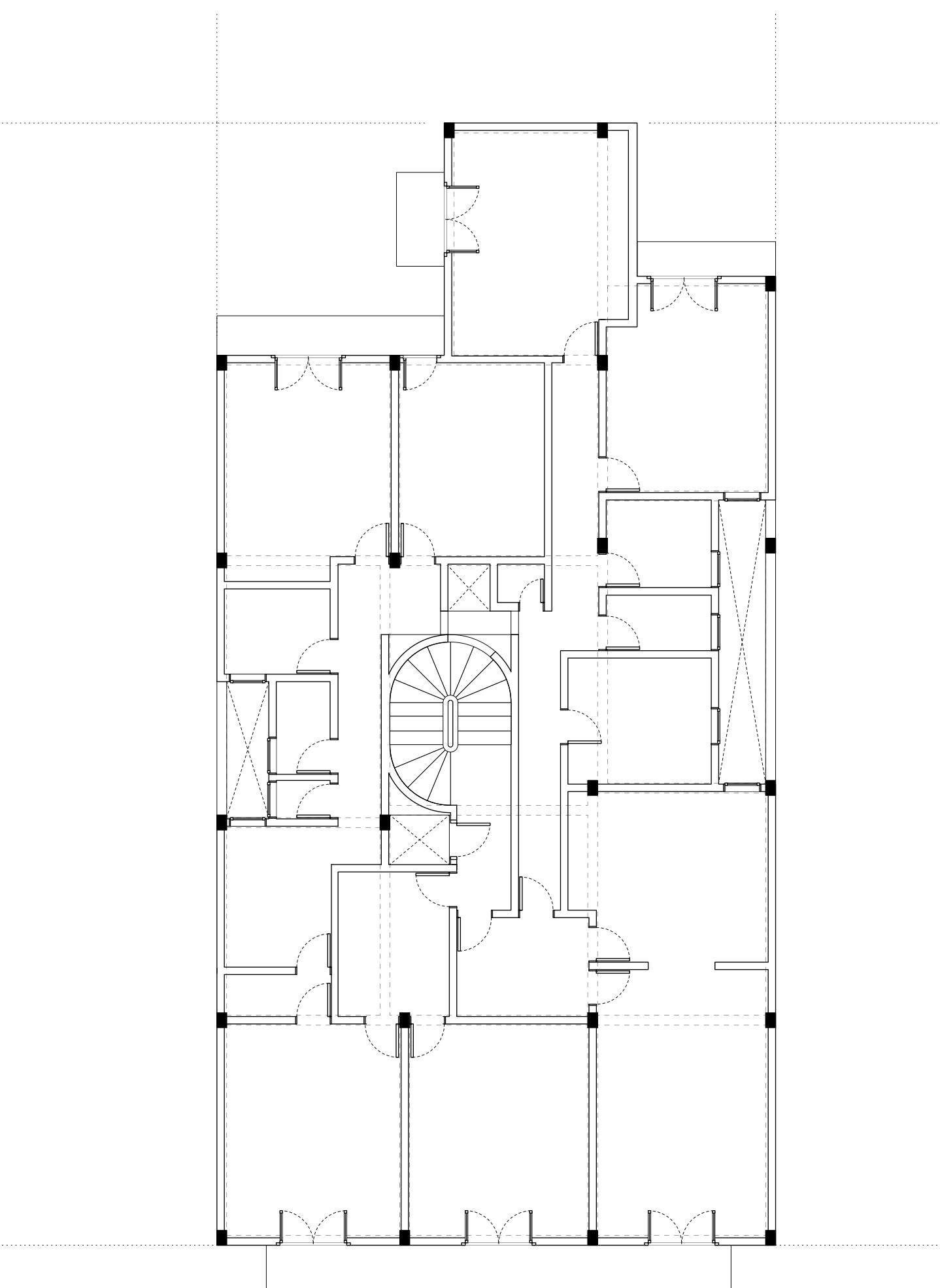
8. TYPOLOGY



9. TYPOLOGICAL TRANSFORMATION



16. POLYKATOIKIA 0, FLOORPLAN G+N (1:100) - CURRENT SITUATION



16. POLYKATOIKIA 0, FLOORPLAN G+N (1:100) - CURRENT SITUATION

1. Small scale private property, widespread in the modern Greek context, had long been regarded as a social safety net. Today, however, its ongoing erosion is increasingly visible. Resident homeownership has been shrinking in the wake of the financial crisis, under combined pressure from austerity and speculative practices. *Cohab Athens*, an applied research project on cohousing and collective ownership, demonstrates a growing consciousness among citizens that claiming affordable housing quality can no longer be an individual endeavor.

5. An equally holistic approach is required for effective climate adaptation. Much of the building stock remains entirely uninsulated, while the standard façade-long cantilevering balconies undermine the effect of insulation by acting as a significant thermal bridge. A seamless envelope that combines thermal insulation and thermal mass is necessary to mitigate the emerging conditions of climate change and energy poverty. Such holistic interventions require collective action among the residents but are hindered by conflicts of interest, inherent in apartment ownership.

9. By studying those typological features, we developed a scheme of programmatic reorganization, corresponding to a systemic transformation from ownership by apartment to unified collective ownership. It consists in reallocating the top floor and the first floor, the most and least desirable floors for residential use, to spaces for collectivity. The apartment is transformed into a cluster of private rooms, around a system of interconnected shared spaces. Following this scheme, we identified three independent architectural interventions we believe are broadly applicable to ensure the resilience and livability of the existing building stock.

16. To examine our intentions in totality, and confront them with reality, we decided to test them on a specific building, which we came to call *Polykatoikia 0*. Like every polykatoikia, its architecture is at once generic and idiosyncratic.

17, 18. In our intervention, the ground and first floors house broader-scope programs, anchoring the housing cooperative within a municipal support network. Adjacent to the street entrance are a workshop, office, and event/exhibition space; the entire first floor functions as a municipal library and reading room.

19. Material choices were central to our project, shaped by two imperatives: climate responsibility and climate resilience.

20, 21. The location of Polykatoikia 0 offers high visibility, connection with public transport and mediates two different realities of the city. High vacancy is a city-wide phenomenon and results from a complex combination of sociological conditions. By looking at demographic data certain underlying patterns become more clear. On top of high vacancy, the marked areas are characterized by high rate of rental tenure and a high rate of overcrowding within non-vacant apartments. These conditions imply a propensity to disrepair as the owners have little incentive to invest and the tenants have little capacity to negotiate.

22-28. The location of Polykatoikia 0 offers high visibility, connection with public transport and mediates two different realities of the city. High vacancy is a city-wide phenomenon and results from a complex combination of sociological conditions. By looking at demographic data certain underlying patterns become more clear. On top of high vacancy, the marked areas are characterized by high rate of rental tenure and a high rate of overcrowding within non-vacant apartments. These conditions imply a propensity to disrepair as the owners have little incentive to invest and the tenants have little capacity to negotiate.

29-30. We chose to leave these materials exposed in our renderings—for their educational value and the dignity we believe they confer. The floors in shared living areas are paved with native white marble to create a cooling atmosphere and reflect light deep into the interior. In contrast, private rooms feature earthen floors, harmonizing with the partitions to harbor a sense of intimacy. A red-and-white terrazzo—made from lime, marble-dust and crushed brick that we salvage from former partitions—covers most common areas, invoking collective memory and the spirit of communal. The reinforced concrete structure, bearing the marks of wear and repair, has been left exposed in juxtaposition to the other materials.

