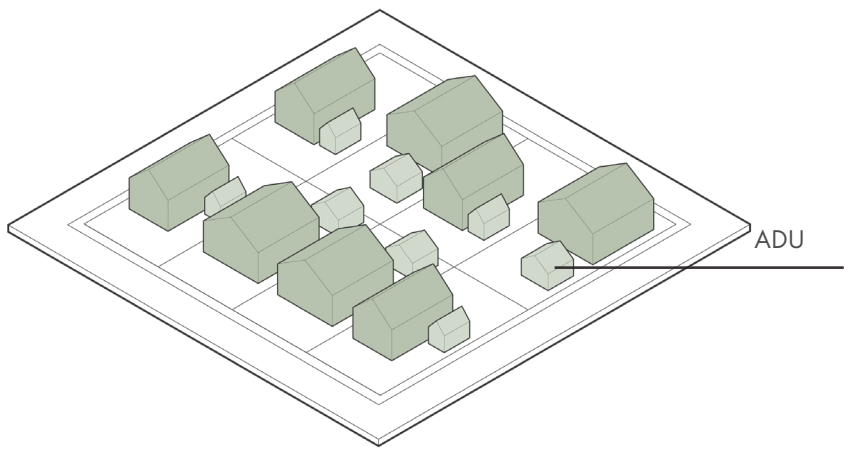


Shuffle on Sunnyside

Housing in the Pacific Northwest stands at a critical intersection: the cultural preference for single-family living conflicts with the urgent need for density, sustainability, and affordability. This project bridges that divide by reimagining the single-family home as a vertically layered, adaptable housing model that integrates accessory dwelling units within a multifamily framework.

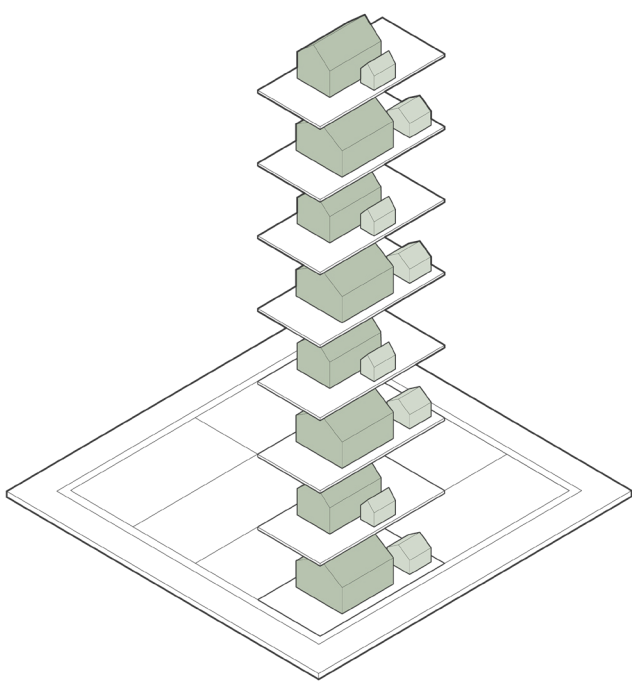
Through a single-stair organization and flexible unit configurations, the building preserves the autonomy and familiarity of a house while achieving the efficiency and community of dense urban living. Shared spaces and intermediate zones foster social connection, natural light, and cross-ventilation, transforming circulation into a lived experience rather than a residual requirement.

TYPICAL BLOCK



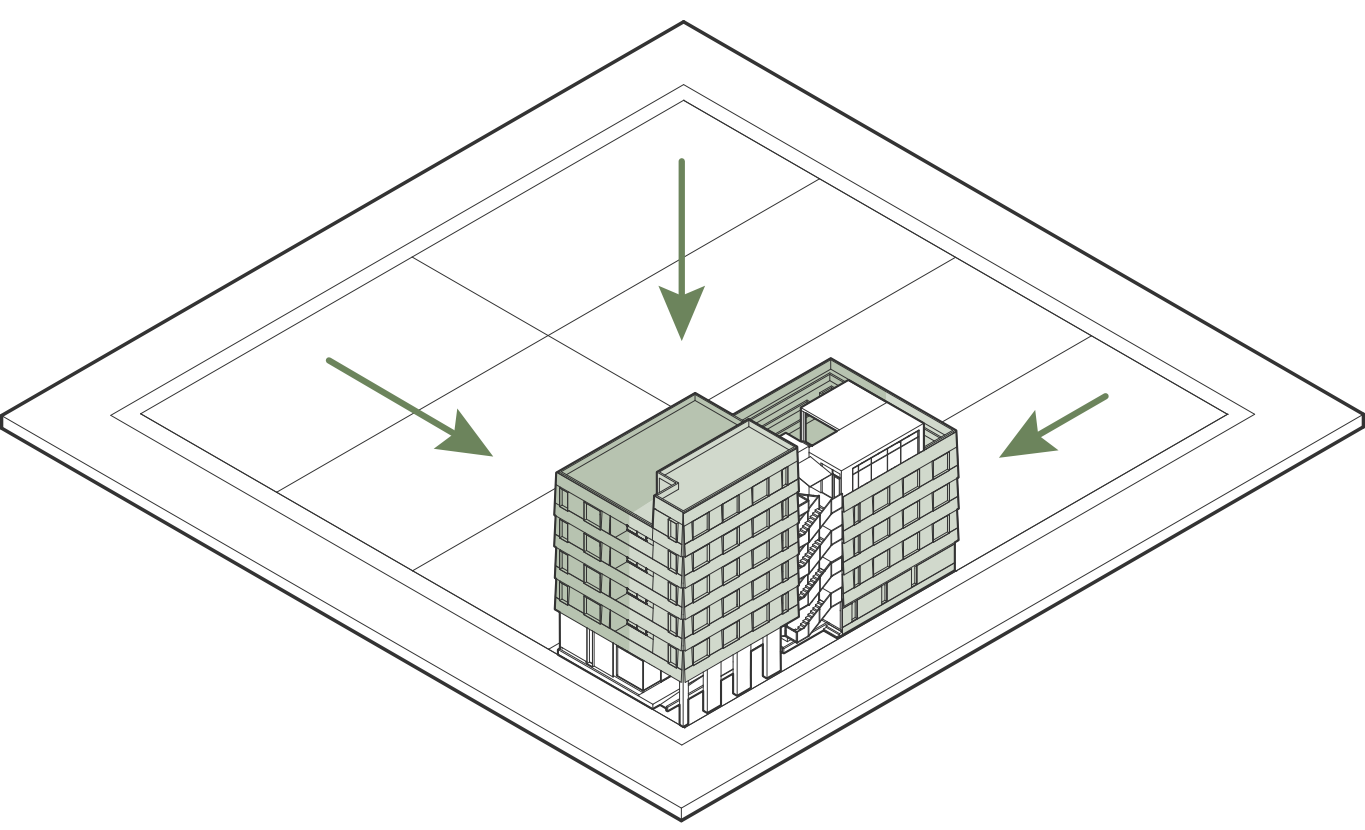
A standard Portland block- eight lots, each carrying a single family home and an accessory dwelling unit (ADU).

STACK

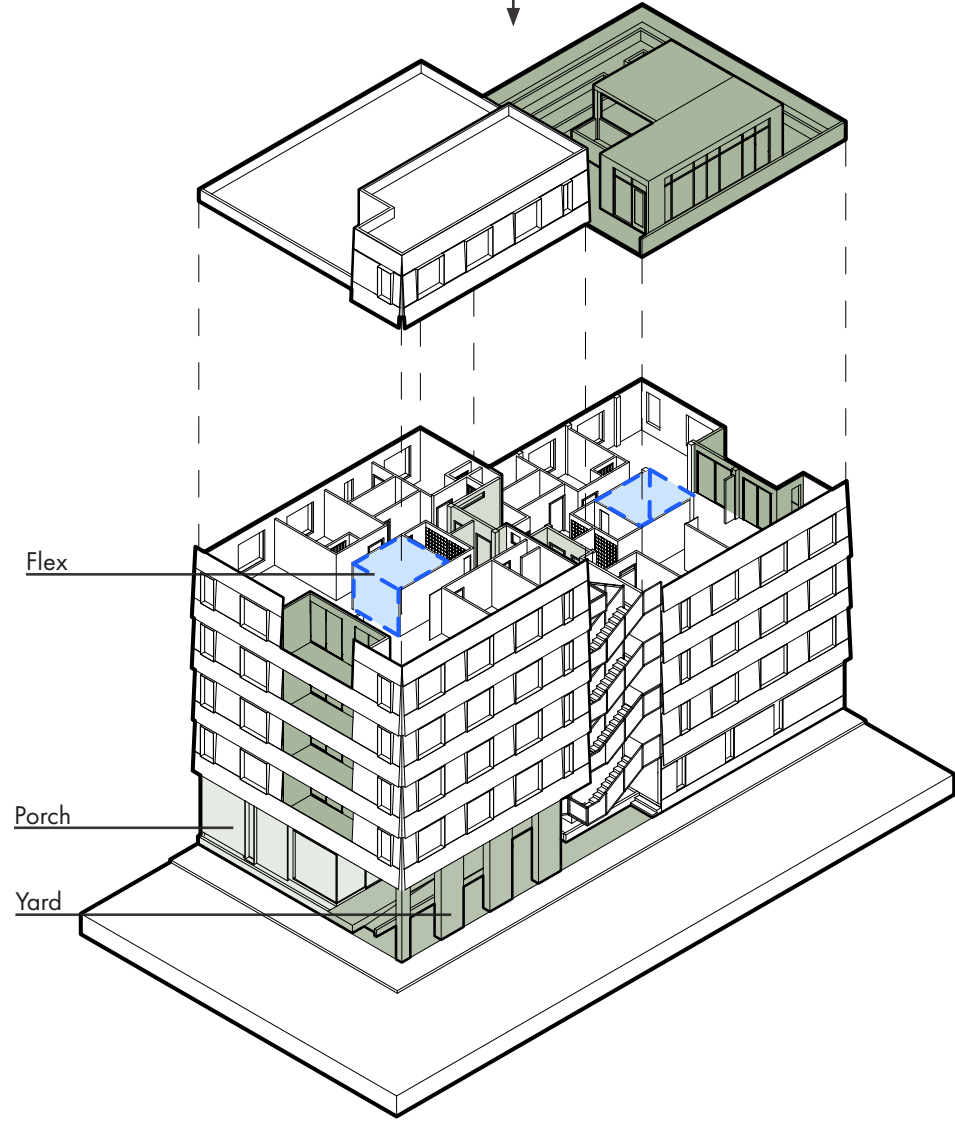
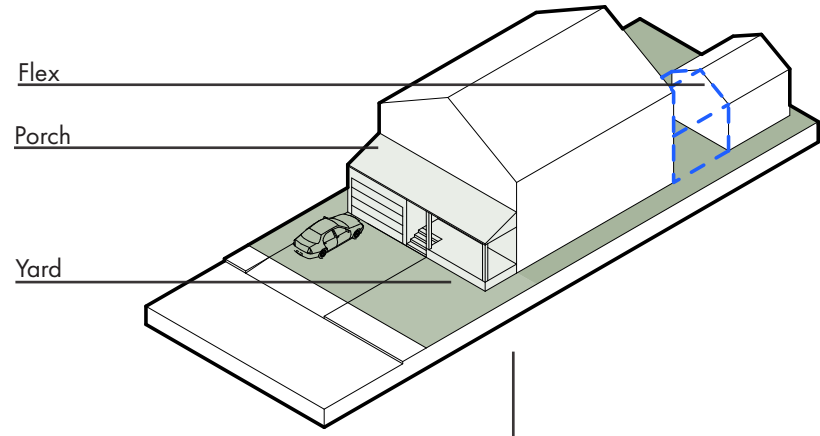
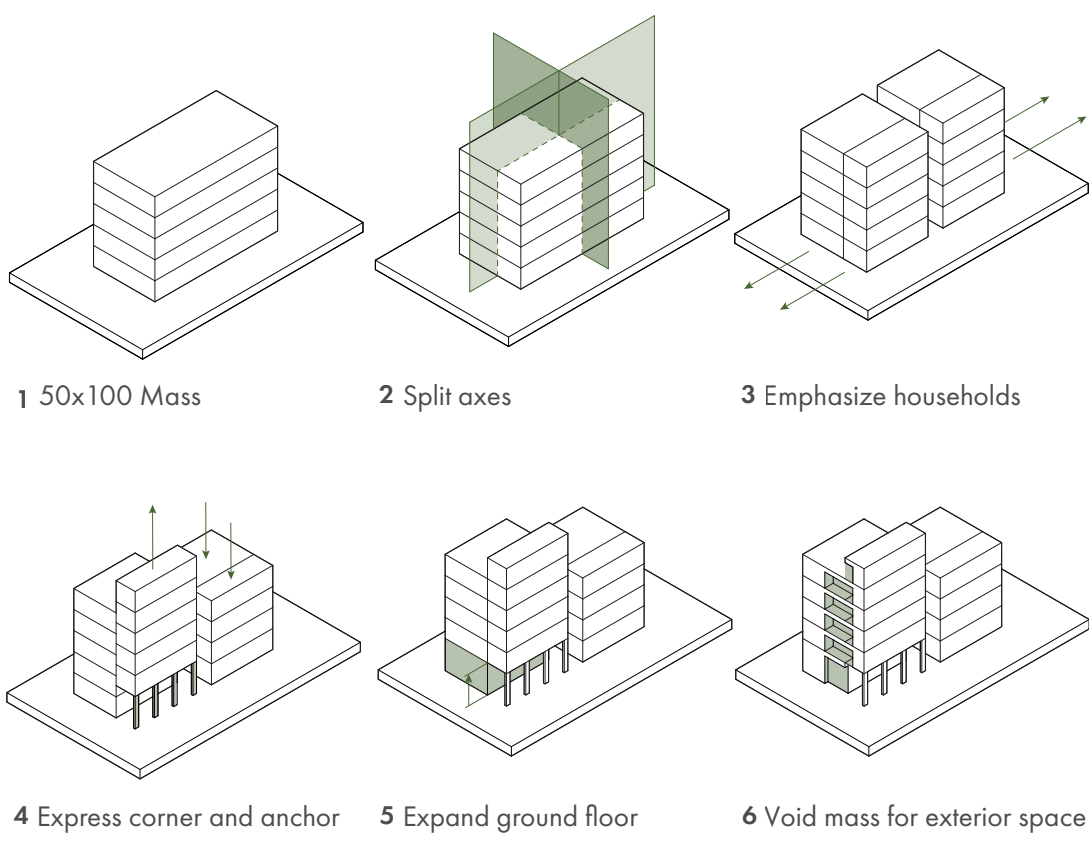


The same program is extracted from the horizontal plane and reoriented, preserving the spatial relationships between units while compressing the building's footprint. The familiar domestic heigharchy remains.

NEIGHBORHOOD IN ONE LOT



Eight parcels worth of residential program now occupy a single lot. The result is a building that functions as a neighborhood that has a denser community embedded.



Shuffling the Familiar - Starting from the familiar arrangement of a typical single-family lot, the project "shuffles" its core spatial elements — backyard, porch, and flex space — redistributing them across a multi-story residential building.

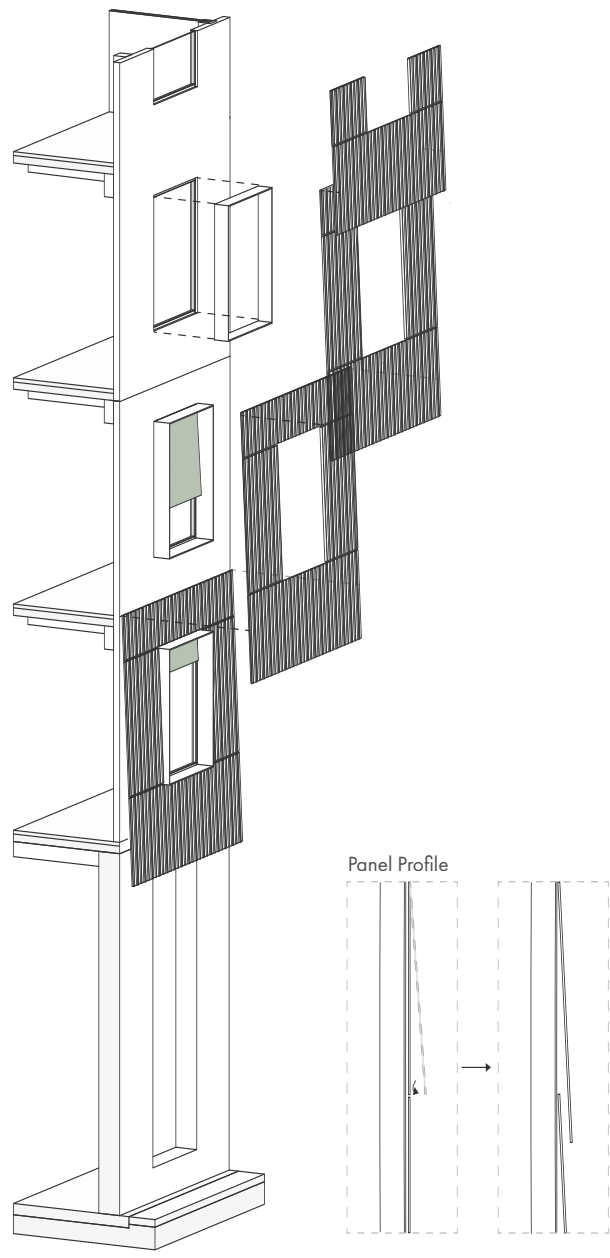


Site Adaptability - Corner of N Interstate & N Church St - Portland, OR
Sandwich levels are added to increase density. The front porch and front yard extend on a larger lot, accomodating increased occupancy and meeting the street corner.

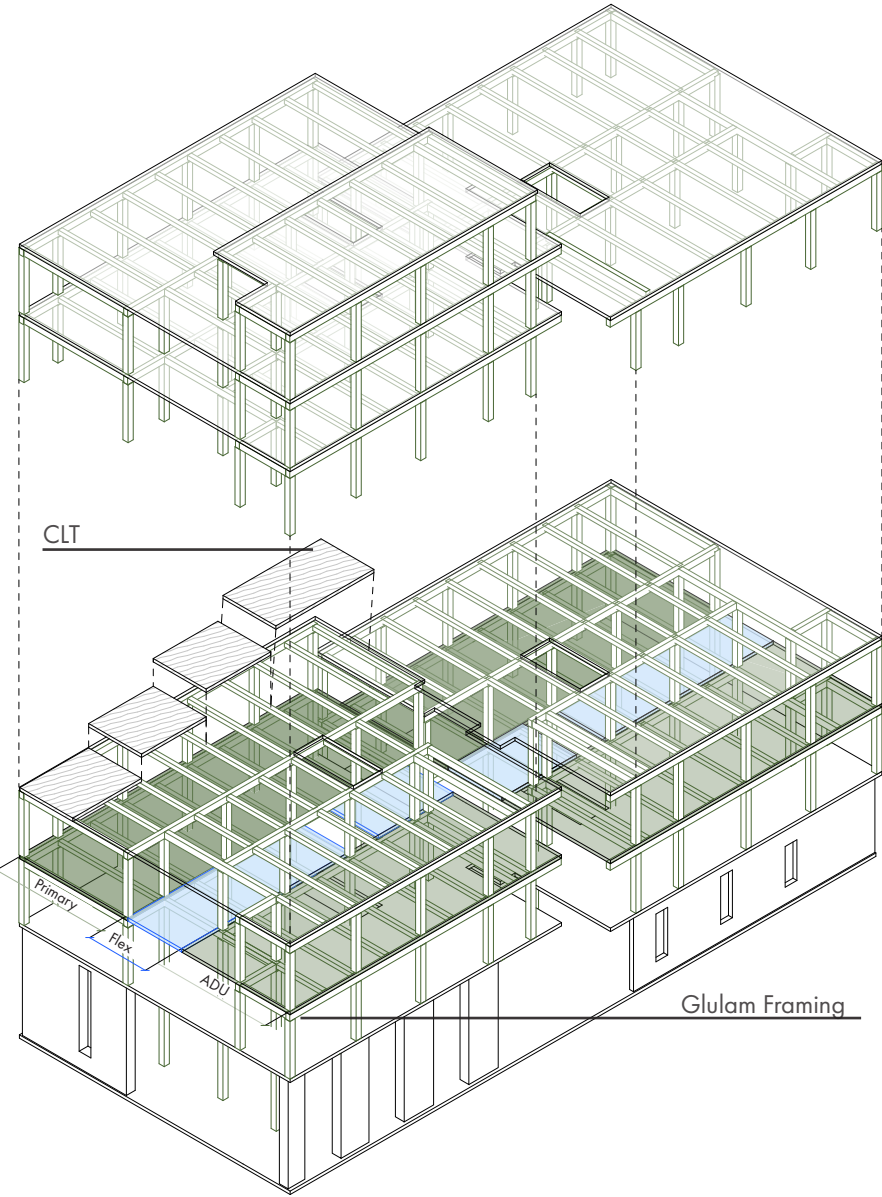
900 SE 40TH AVE, PORTLAND, OR

Units: 16 Units - 8 One Bedroom & 8 Two Bedroom With Flex
Levels: 5 Levels + 1 Loft Space
Height: 65'-0" Tall
Typical Floor Gross Square Footage: 4,300 Gsf
Total Building Gross Square Footage: 18,500 Gsf
Floor Area Ratio: 3.7 Far
Lot Coverage: 68%

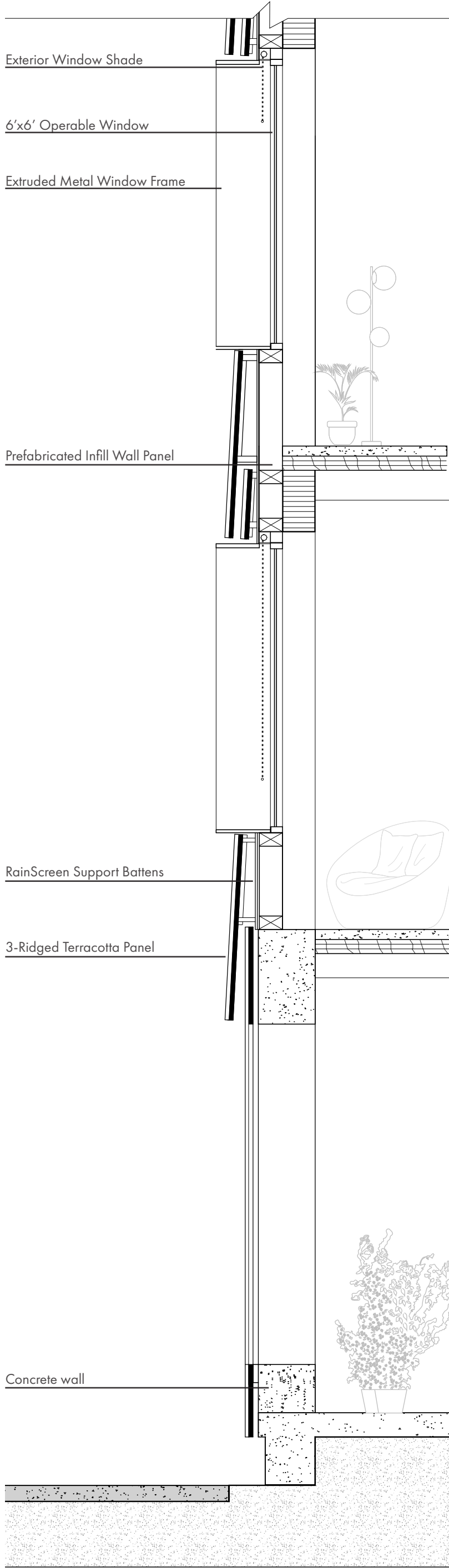
Economic Model: Cooperative
Target Resident: Multigenerational Living

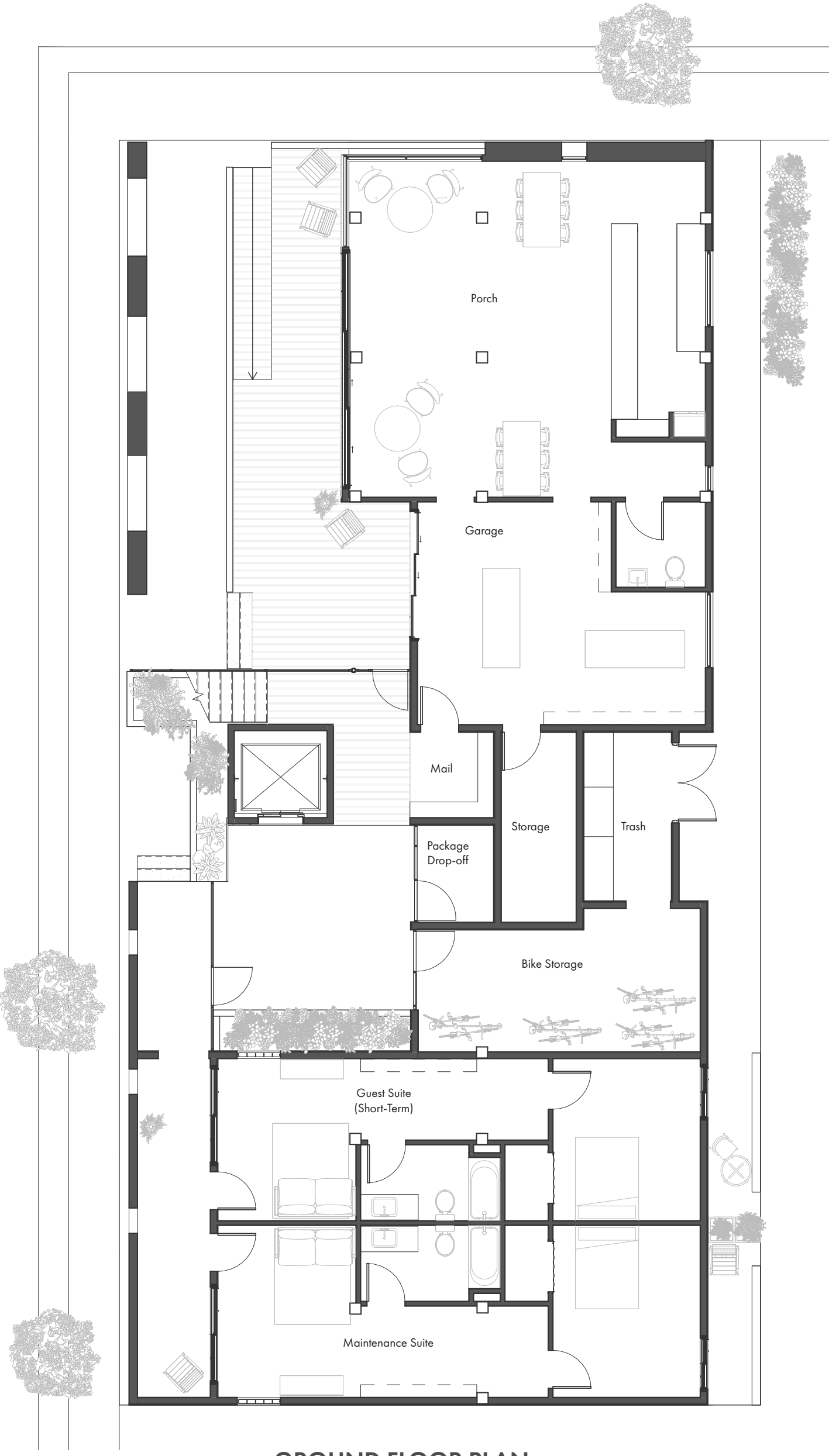


Facade Design - The facade peels away from the building as a layered skin of terracotta panels, angled like shingles to layer shadow and dissolve weight. A plinth offsets the panels from ever touch the ground, while deep metal extrusions increase both shading performance and frame a distinct window.

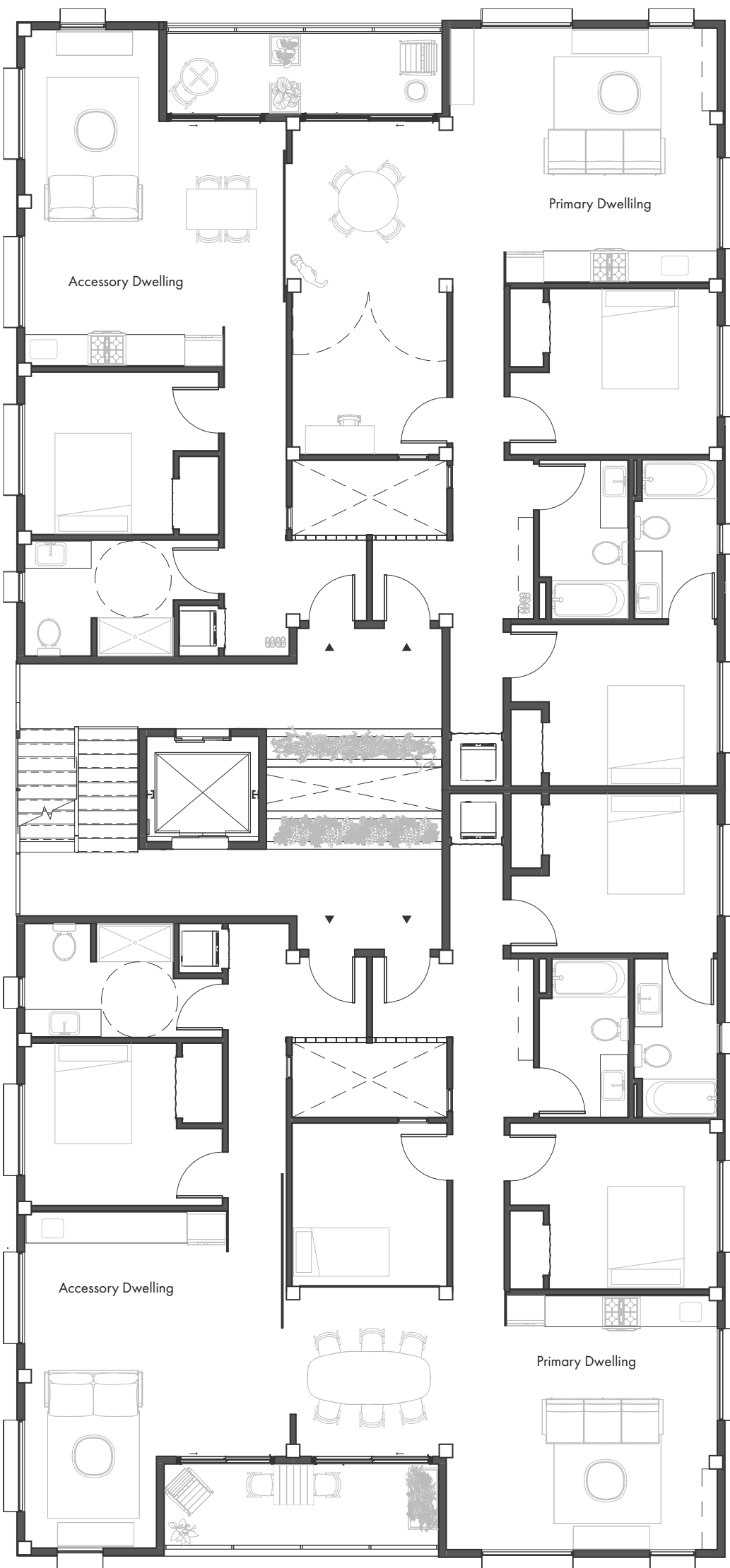


Structural Logic: The structural grid is set to maximize open space in the units, with a central bay serving as the social and flex area between the two units.

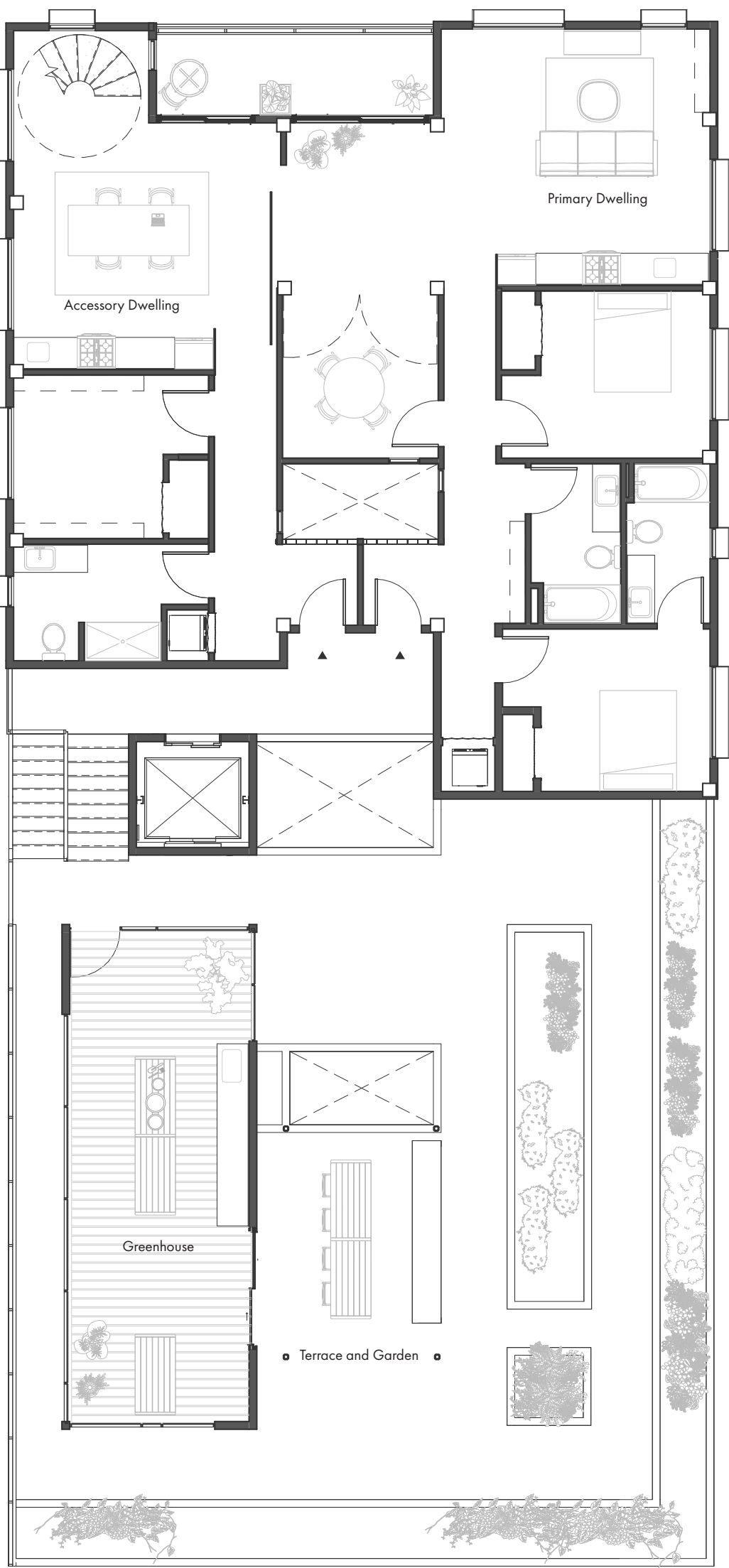




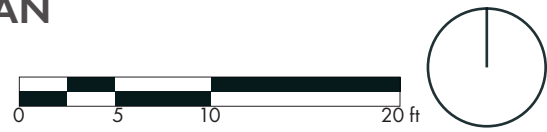
GROUND FLOOR PLAN



TYPICAL FLOOR PLAN



TERRACE FLOOR PLAN



Entry - Rue arrives home with their groceries.

Approach from the South-West.



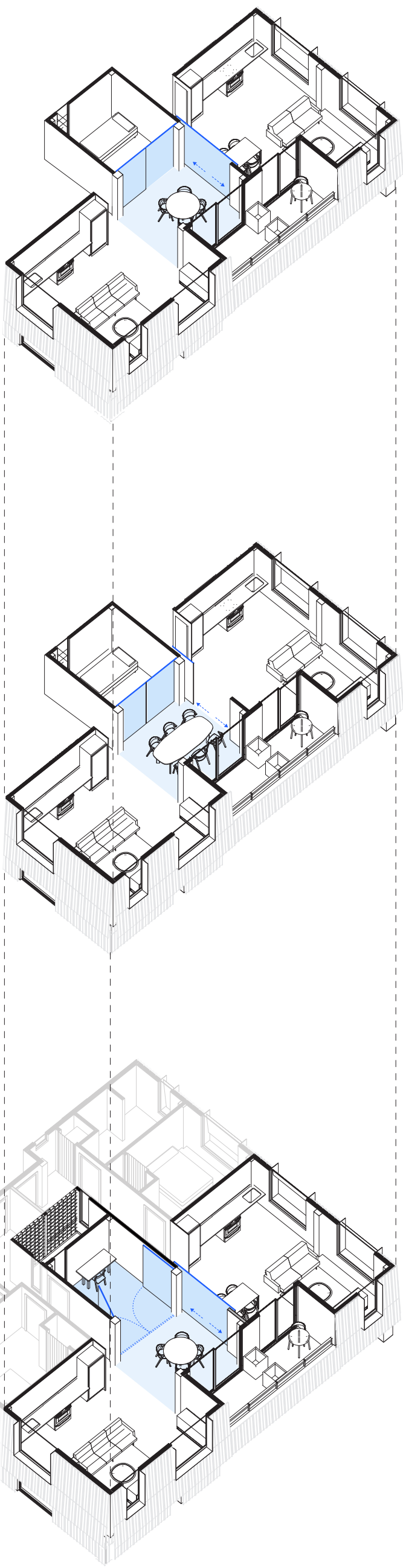
ADU Living Room - Jude just graduated college and moves into their parents' ADU as they begin a job search.



Flex/Living Room - Bea watches their grandson, Charlie, while his parents are at work.

Top: Terrace garden and greenhouse from the fifth-floor unit entrance.
Bottom: Corner condition from the North-West.

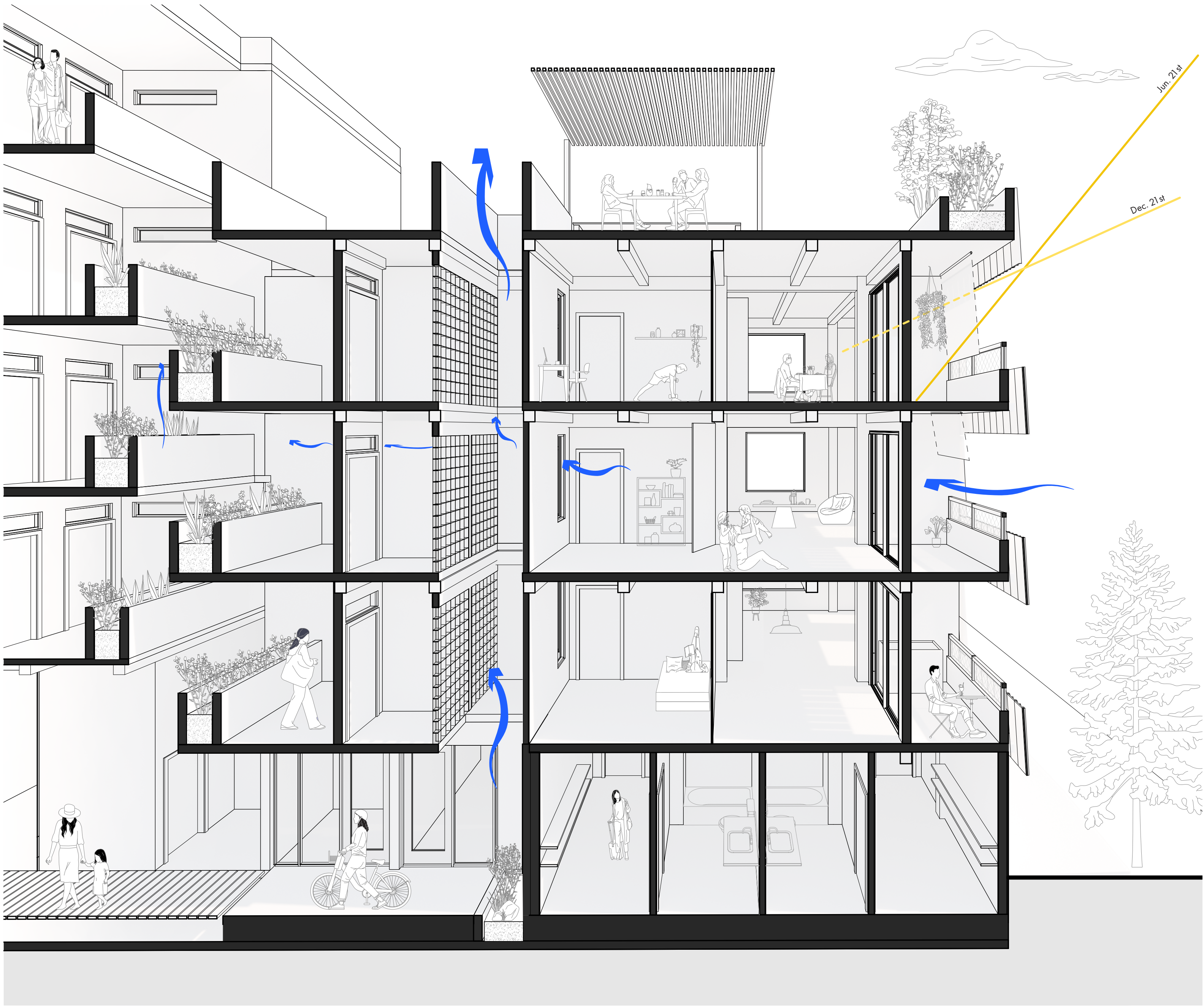




Added Room - the flex is appropriately size to become a bedroom, allowing for a family to grow in place

Connect Residences - flexibility for moments in life when families want to live close, but independent.

Unit Adaptability - flexible bonus space, ability to serve what life demands.



Through Kitchen to Adjoining Unit - Peter and Luis prepare a dinner together for a friend gathering.



Flex as Nursery - Sonny cares for their newborn baby in the recently converted nursery.



Shared Balcony - Gus enjoys the balcony while their family plays inside.

West Elevation ▼

