

## A House in Manhattan Beach

*Location:* Manhattan Beach, CA

*Completion Date:* 2024

*Project Type:* Residential

*Size:* 3,965 sq. ft.

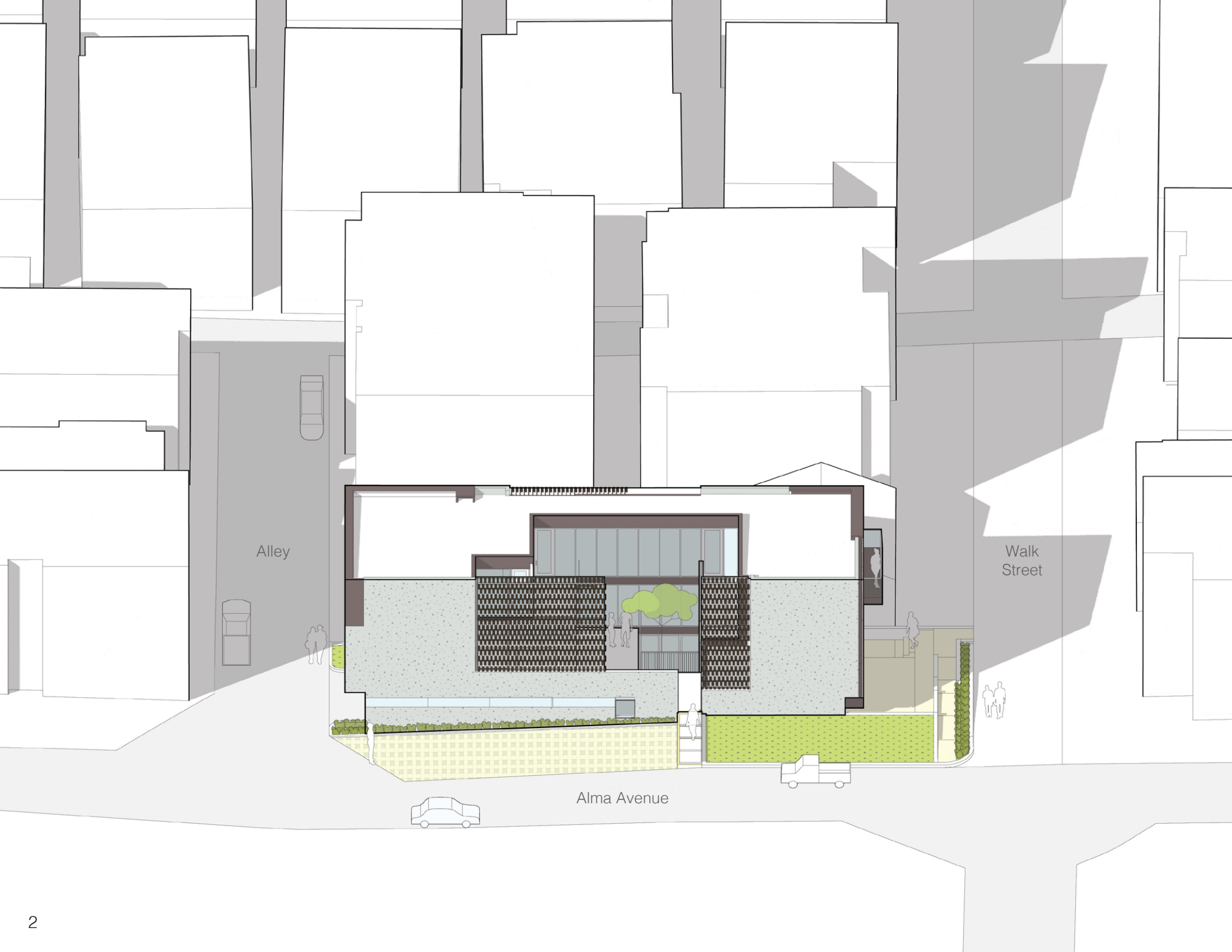
Located on a narrow 30' x 90' walk street lot, this residence challenges conventional coastal housing by prioritizing natural ventilation, daylight, and spatial efficiency. Designed for a growing family, the home departs from the typical block-like massing by introducing a central courtyard, ensuring abundant light, air, and privacy while enhancing indoor-outdoor connectivity.

Stringent zoning regulations in the area have led to repetitive housing typologies—bulky structures with balconies at the edges to meet open space requirements. This project takes an opposite approach by pulling living spaces to the perimeter and consolidating open space centrally. This strategy enhances cross-ventilation, ocean views, and spatial fluidity while creating a thermal chimney effect, reducing energy demand.

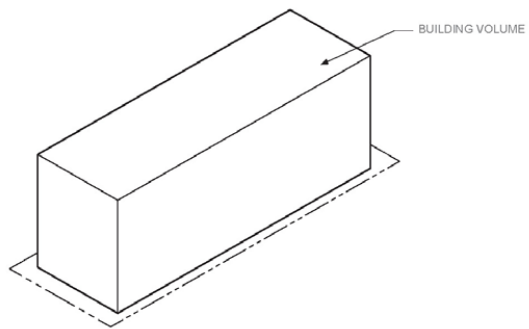
The entry sequence reveals layered spaces, with sliding glass doors seamlessly merging indoor and outdoor environments. This flexibility enhances social interaction, allowing for entertainment while maintaining visual connection between spaces. A three-dimensional anodized aluminum screen on the east façade provides privacy and an ephemeral quality, shifting in appearance as daylight changes. The screen filters sunlight, reduces glare, and improves energy efficiency, making the home 40% more efficient than a conventional residence.

By leveraging passive design strategies, contextual sensitivity, and material innovation, this project offers a forward-thinking model for sustainable coastal living. The result is a climate-responsive, high-performance home that seamlessly integrates with its urban setting while reimagining density, livability, and architectural expression.

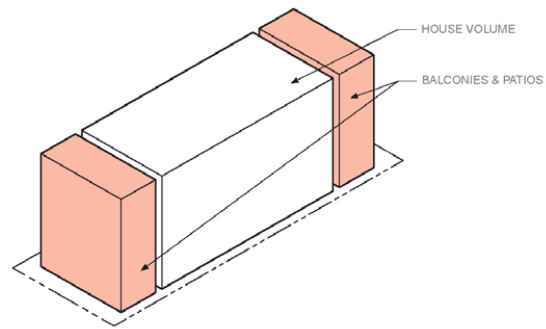




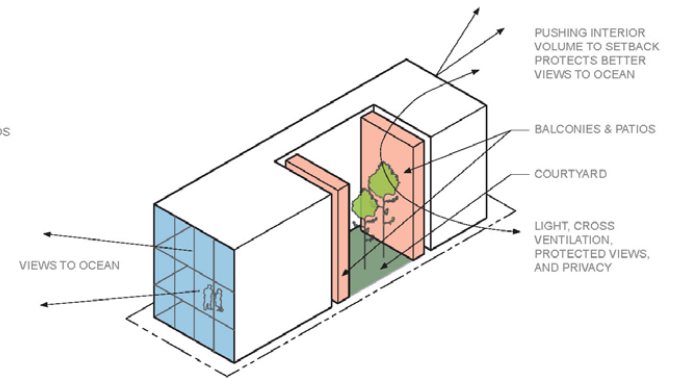




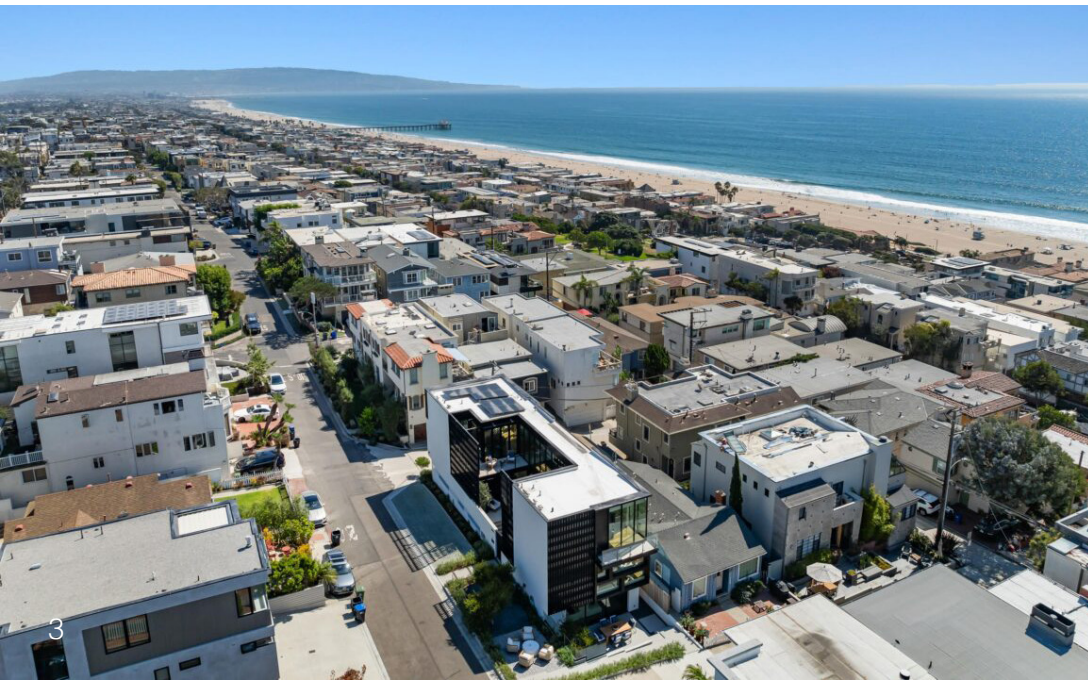
Typical Lot

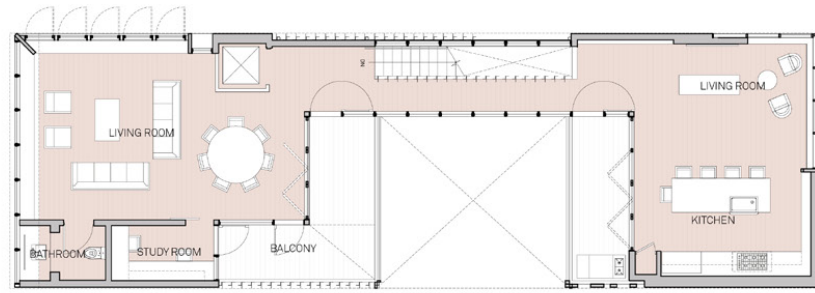


Typical Design Solution  
(Exterior Open Space)

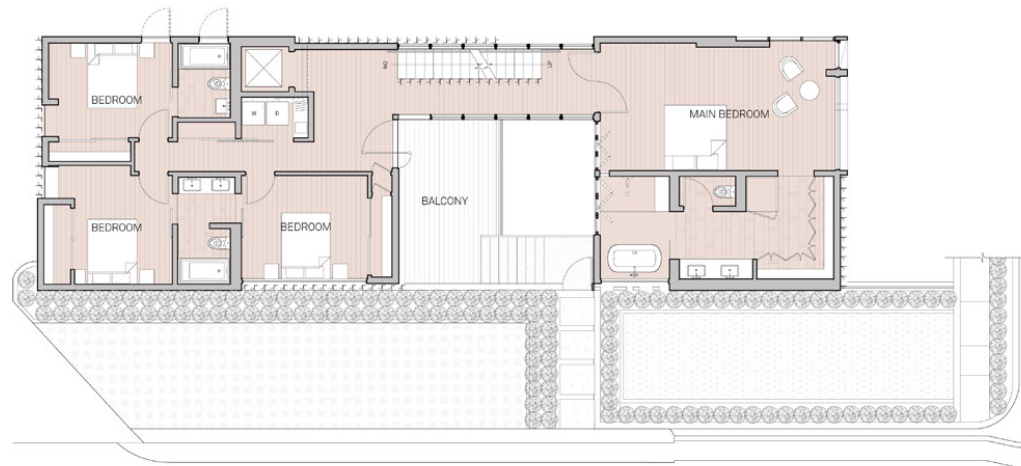


Project Concept  
(Invert Open Space)

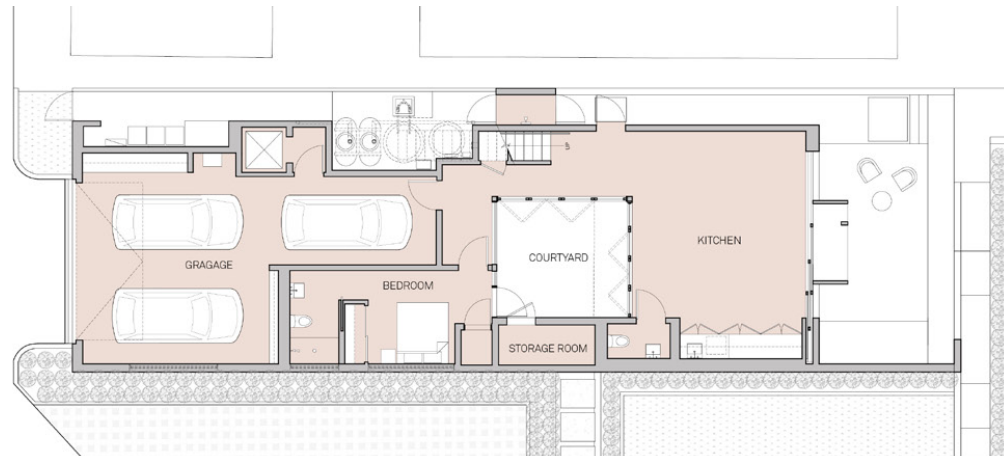




Third Level (Living Level)



Second Level (Alma Ave Entry)



Ground Level (Alley and Walk Street Entries)

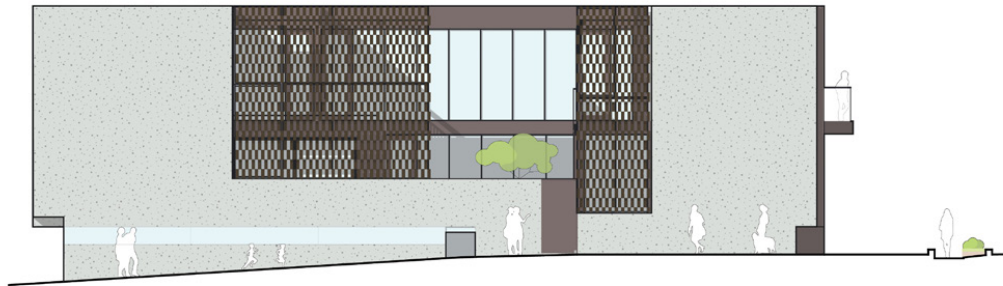




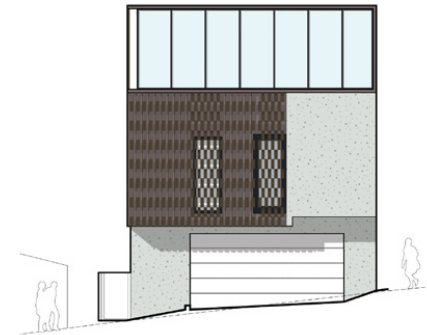
Longitudinal Section



Cross Section



West Elevation (Alma Avenue)



South Elevation



East Elevation



North Elevation (Walk Street)



























