CASE STUDY 2.0
REBUILDING LOS ANGELES

A Visionary Catalog for Resilient and Sustainable Homes

STUDIOpractice Architects

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INTRODUCTION

FIRM PROFILE

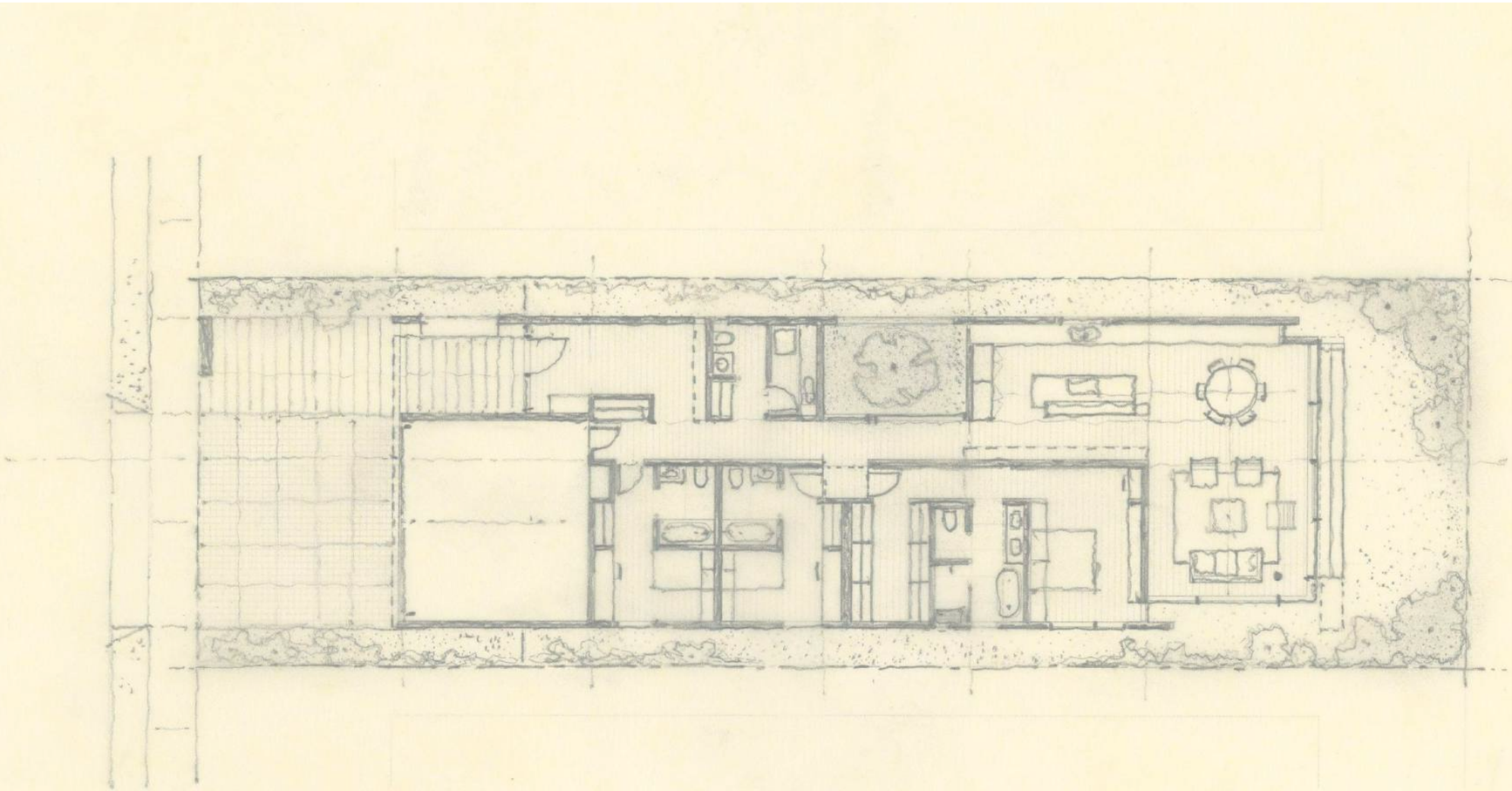
Building on over three decades of designing architecture in the United States and abroad, we are pleased to present **STUDIOpractice** and our proposal to help rebuild our great city.

Collaboration, Sustainability, Context, Order, Scale, Program, and Daylight guide our work and ensure we create architecture that elevates any environment.

Alex Wuo leads our team of diverse and talented professionals in providing comprehensive design services for projects at every scale and complexity.

Our commitment to creating a crafted, timeless architecture is evident in our work. Among recently completed award winning commissions are the Sonoma County Courthouse, Edie and Lew Wasserman Building at UCLA, the United States Courthouse in San Diego, San Jose City Hall and Civic Center and private residences throughout southern California.

PROJECT NARRATIVE



GROUND LEVEL PLANNING CONCEPT

The opportunity to contribute to the rebuilding of our city is a privilege that cannot be overstated.
Re-establishing the community starts with the home.

The home does not just serve utility. It is the place where memories are made and held. It is as much about the subconscious as the conscious.

Design excellence should be accessible to everyone.

Efficient planning of this one-story solution maximizes the potential of the long, slender site.

A stone walkway engages the street, draws one to the entrance and transitions to a stone wall that continues the full length of the home.

A small courtyard in the middle of the home brings unexpected landscaping and daylight to the circulation spine. An alternative planning could allow for a study in lieu of the courtyard.

The planning culminates at the spaces for cooking, dining, and gathering. This large shared space engages the landscaped garden via sliding doors and windows.

The master suite and 2 additional bedroom suites flank the living spaces. Like the gathering spaces, these rooms are also provided with abundant daylight.

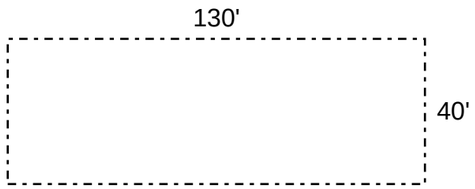
The clear planning provides a logical sequence and arrangement of spaces that can facilitate constructability. This planning arrangement is also easily scalable and customizable to various property sizes and configurations.

PARCEL INFO & DIAGRAMS

ADDRESS

This prototype is based on a standard 40' x 130' parcel.

Typical throughout the Palisades, the design for this rectilinear parcel has applicability to rectangular sites throughout the Palisades, Altadena, and elsewhere.



BUILDING AREAS

LEVEL 1	2,507 SF
ALLOWED	3,380 SF (5,200SF x .65)

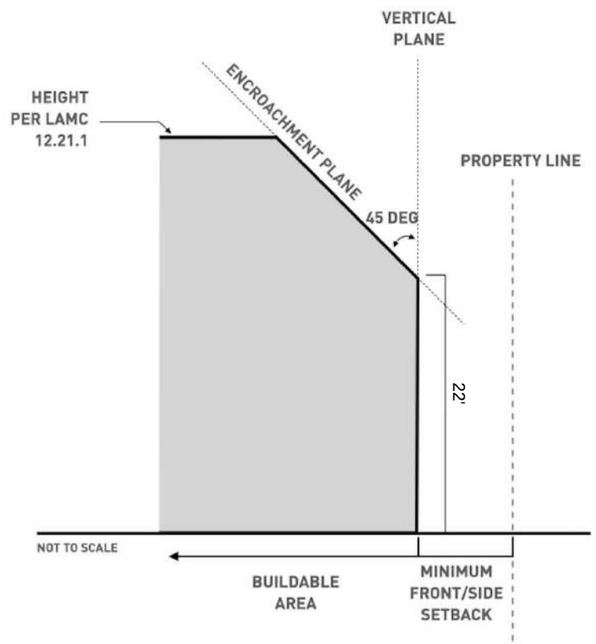
PROGRAM

LEVEL 1	3 Bedrooms 3 Bathrooms Powder Room Living Room Kitchen Dining Laundry Entry Garage (2 car)
Exterior	Entry Courtyard and Garden Back and Sideyard Garden Additional Parking for 2 Cars

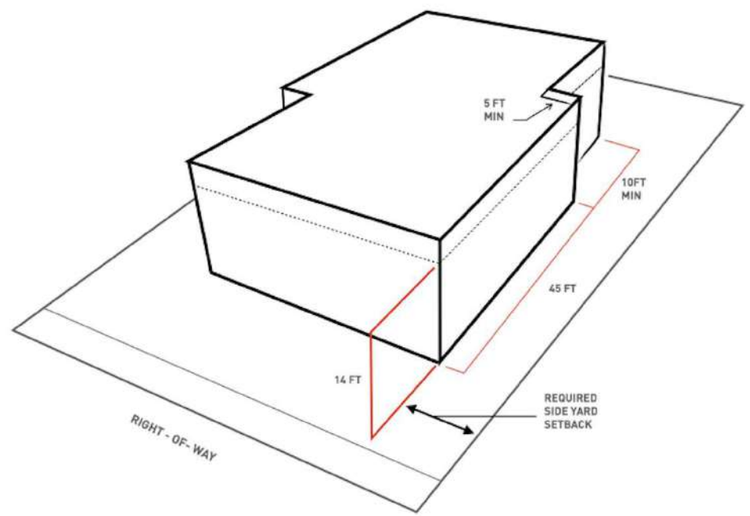
PROJECT DATA

LOT SIZE	40' x 130'
LOT AREA	5200 SF
ZONE	R1-V1
MAXIMUM ENVELOPE HEIGHT	22'-0"
SETBACKS	Front: 20' Rear: 15' Side: 4'
LOT COVERAGE (ALLOWED)	2,600 SF (50% of 5,200SF)

BUILDING HEIGHT DIAGRAM



BUILDING ENVELOPE AND SETBACK DIAGRAM



DESIGN FEATURES

FIRE RESISTANCE

Interior and exterior sprinkler system • Class A fire-rated roofing & siding • Dual-pane tempered windows • Closed eaves • Fire-resistant cementious decking at pool and terrace • Non-combustible fencing • Pool for emergency water supply • Optional backup water tank or cistern

ROOFING

Flat and closed (ventless) roof with Class A fire-rated build up.

BUILDING SIDING

Non-combustible brick, concrete, or stucco • Wildland-Urban Interface Code (WUIC) compliant thermally modified Ash (optional SaferWood Thermex-FR treatment to achieve a Class A fire-rating) or Class A fire-rated Ipe

WINDOWS & DOORS

Low-E dual glazed tempered aluminum windows for thermal comfort, energy performance, and fire resistance.

DEFENSIBLE SPACE INTEGRATION

Low greenery with optional succulents, gravel front driveway, masonry perimeter fence.

VENTS

Building envelope and roof are ventless system to prevent ember intrusion, enhancing fire resilience • Optional Energy Recovery Ventilator (ERV) system to replace stale indoor air with fresh outdoor air, while capturing heat and moisture from the exhaust to maximize energy efficiency and indoor comfort.

EMBER-RESISTANT FEATURES
Building envelope, eaves, foundations, and roof are ventless to prevent ember intrusion • Perimeter fence is a masonry wall.

SUSTAINABILITY

Solar panels • Low-E glazing • Electric heat pump HVAC system for heating and cooling, ERV system for continuous fresh air, exhausting stale air, and recovering heat and moisture to reduce the ventilation energy load • EV charging • Sustainably sourced siding and interior finishes

DESIGN QUALITIES

The home offers a variety of spatial experiences throughout the day, creating a sense of fluidity and openness through the connection between its indoor and outdoor spaces.

CONSTRUCTION METHODOLOGY

Type V framing utilizing standard studs lengths (for cost and efficiency) • Minimal steel • Slab on grade foundations

EFFICIENCY

Architectural construction documents will be coordinated in advance with the builder, mechanical engineer, and structural engineer using BIM and will include the full architecture and interiors for accurate pricing and an accelerated construction schedule. The structure utilizes standard building components which also aid in building efficiency.

STYLE FEATURES

Modern and contemporary aesthetics • Natural daylight throughout • Floor-to-ceiling glazing • Skylights • Indoor/outdoor living room, kitchen, and dining room • Expansive outdoor spaces • Private courtyard • Loft-level office

ADDITIONAL SPECIAL FEATURES

Operable bi-fold privacy front facade screen • Motorized pergola system • Living room with open space on both sides • 14’-0” tall ceiling with loft level • Second-level terrace

CUSTOMIZATION POTENTIAL
Facade materials, interior finishes and details (FAME is a full interior design office) • ADU (see floor plan) • Pool • Basement with home theater system and wine room • Radiant floor heating • Steel windows • Circadian lighting system

FINISHES

EXTERIOR

Travertine (cleft cut)

Fire-Resistant Siding (Wood Appearance)

Painted White Plaster and Metal Panel

INTERIOR

Travertine (honed and filled)

White Oak Cabinets and Flooring

Taj Mahal Quartzite Countertops

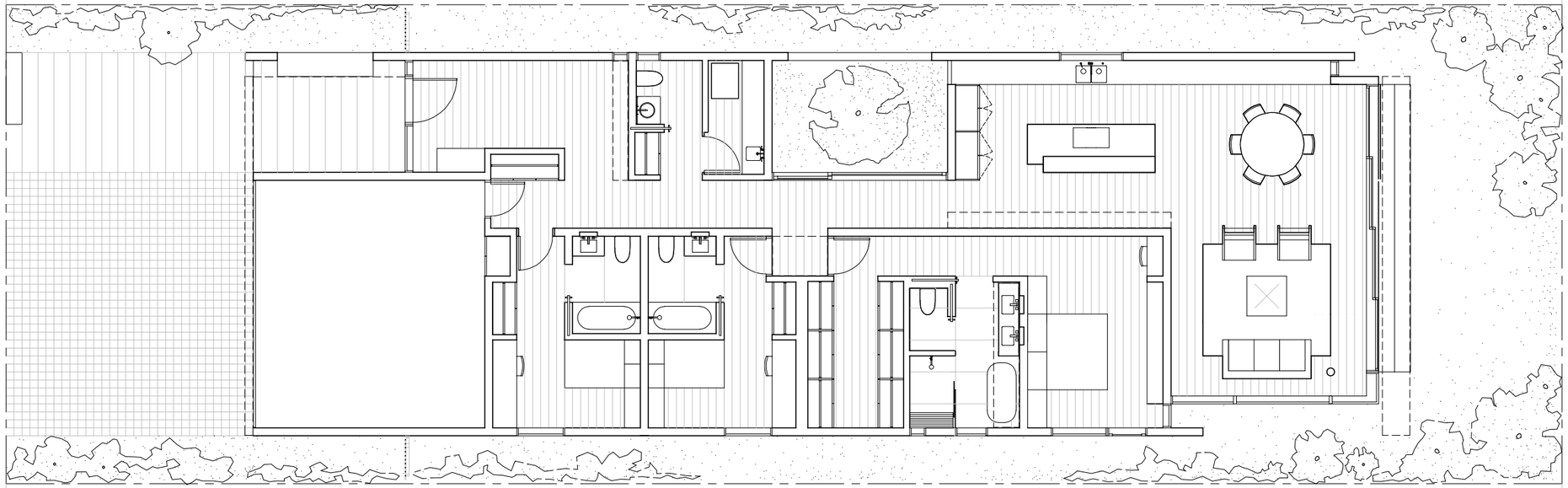
A home's resiliency is expressed through it's finishes.

The palette of fire-resistant siding, stone, plaster, and metal is carefully composed to form a durable exterior envelope.

Well-suited to the southern California setting, these timeless exterior finishes ground the building to the environment.

Inside the home, white oak cabinets and flooring and stone walls provide durability and vibrancy to the interior environment. Their natural warmth and color are further enhanced by the abundance of daylight throughout the home.

PLANS



GROUND LEVEL PLAN

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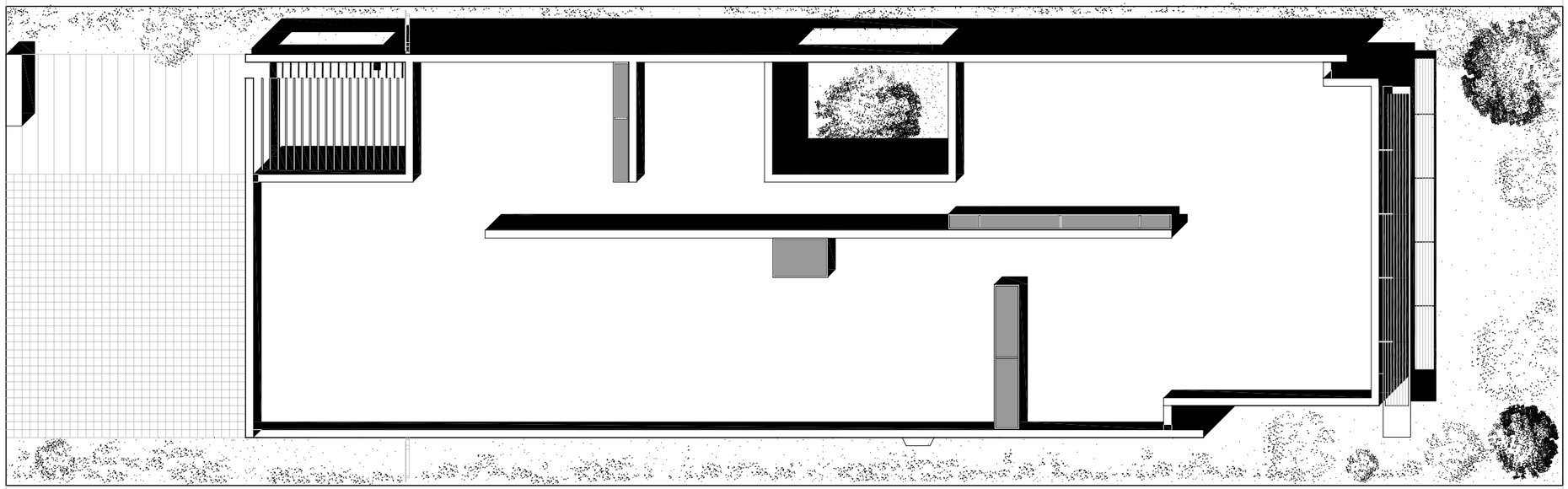

ROOF PLAN

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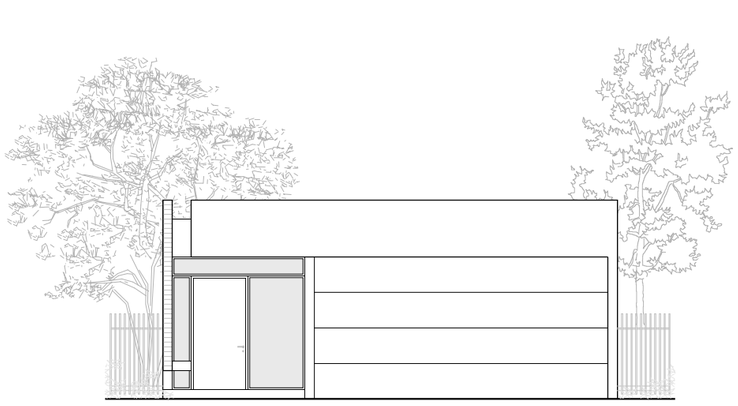
ELEVATIONS



WEST ELEVATION

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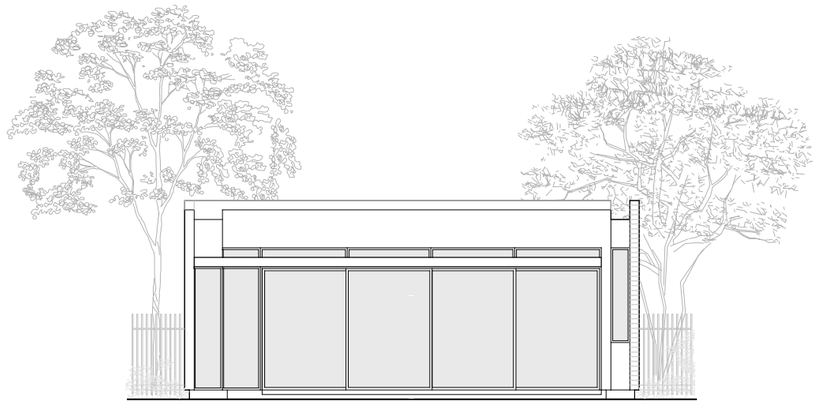

EAST ELEVATION

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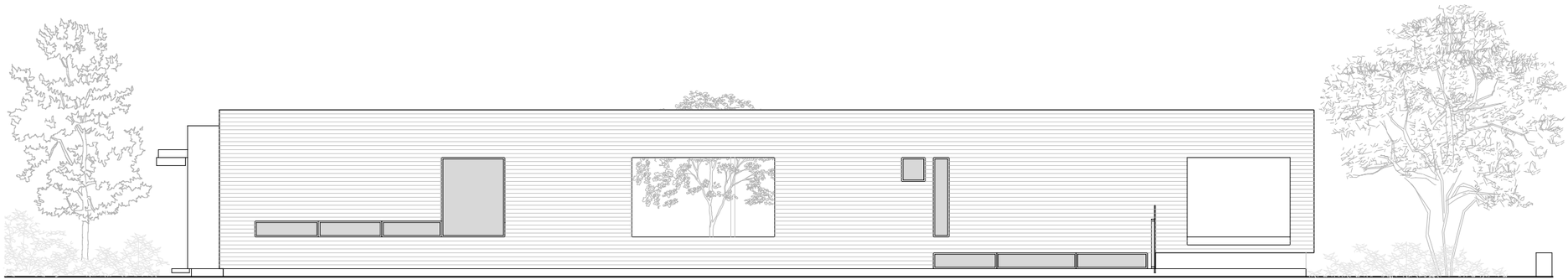

NORTH ELEVATION

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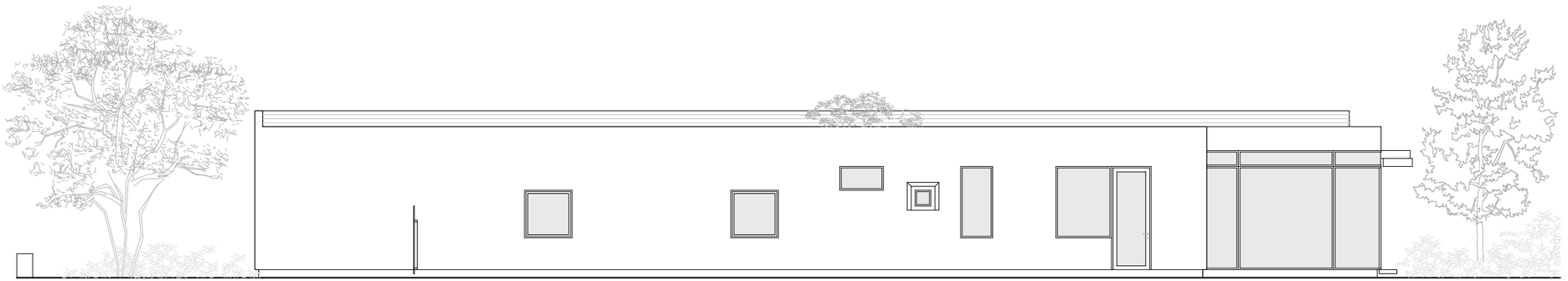

SOUTH ELEVATION

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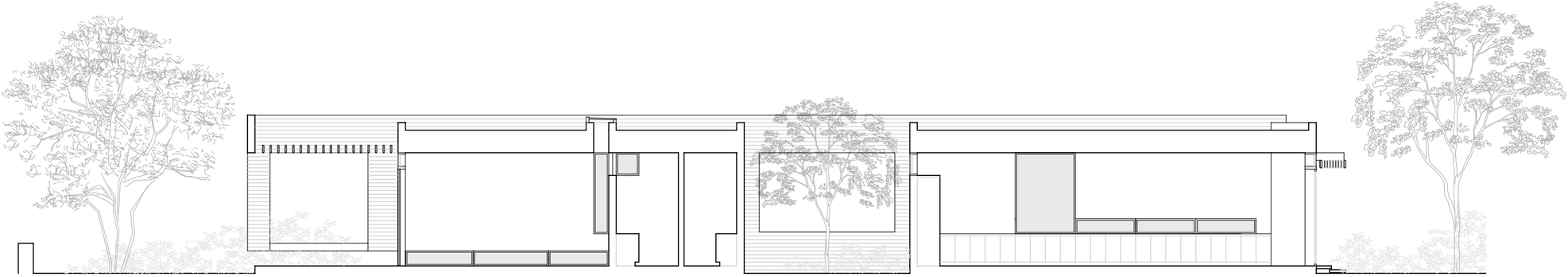
SECTIONS



LONGITUDINAL SECTION

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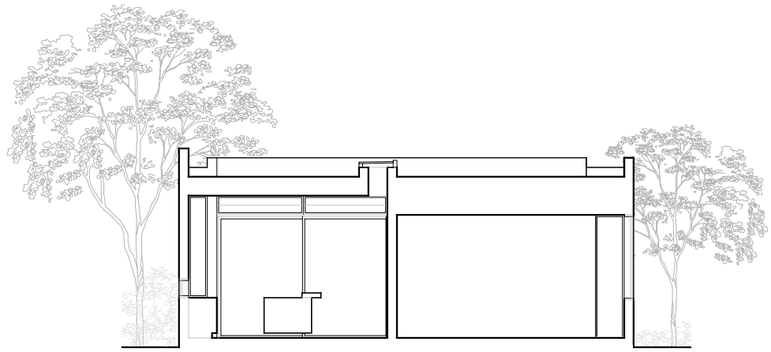

CROSS SECTION

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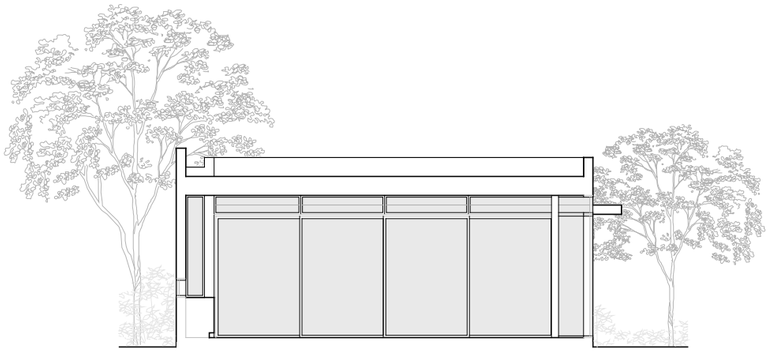

CROSS SECTION

RENDERINGS


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